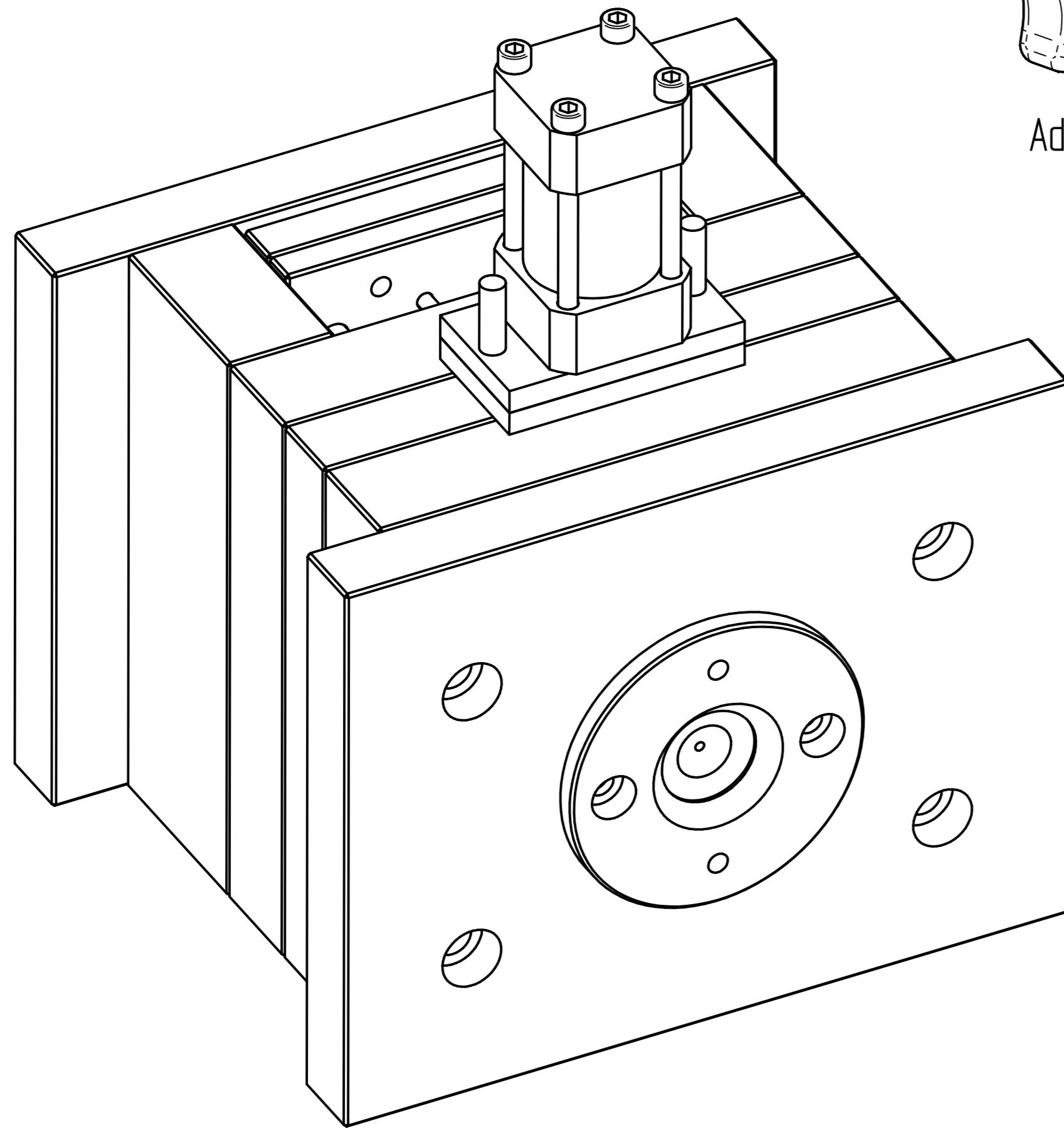
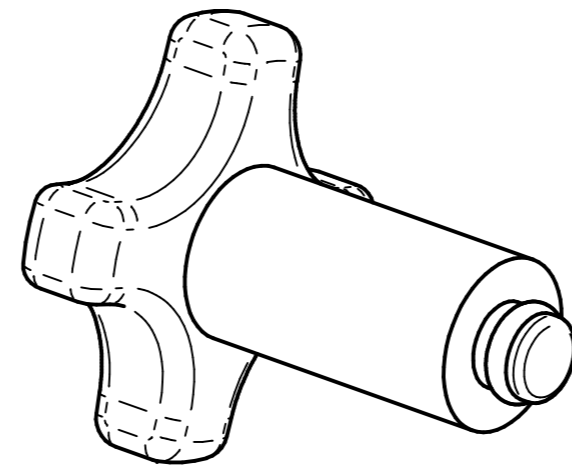


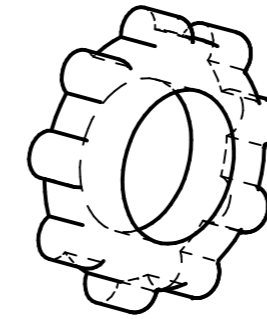
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



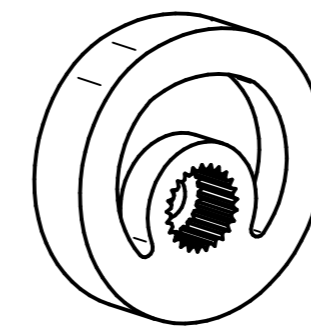
Shut Off Family Mould



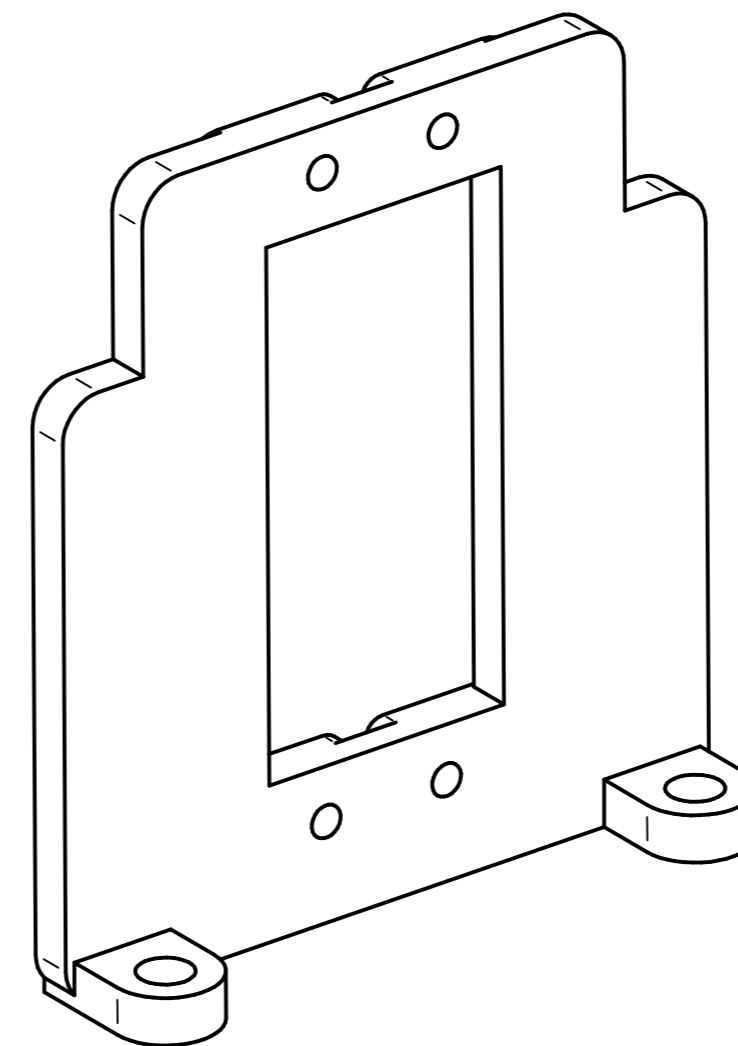
Adjuster Screw



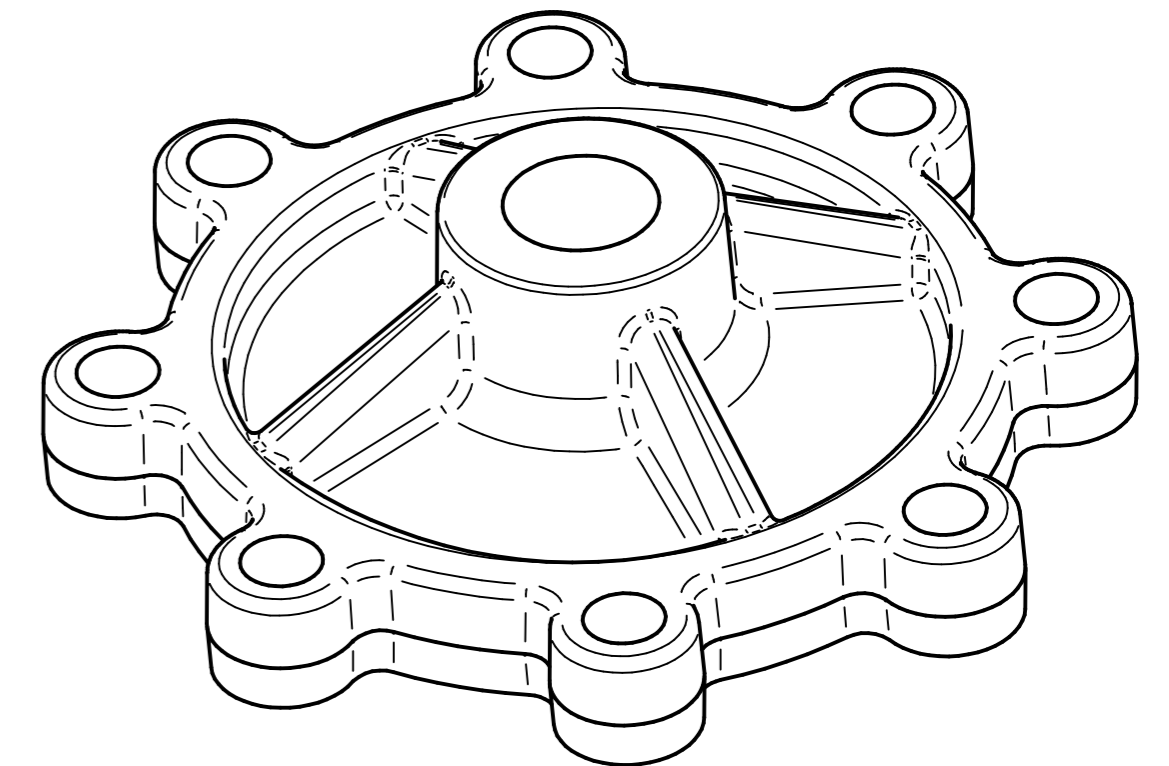
Lock Nut



Shut off Cam



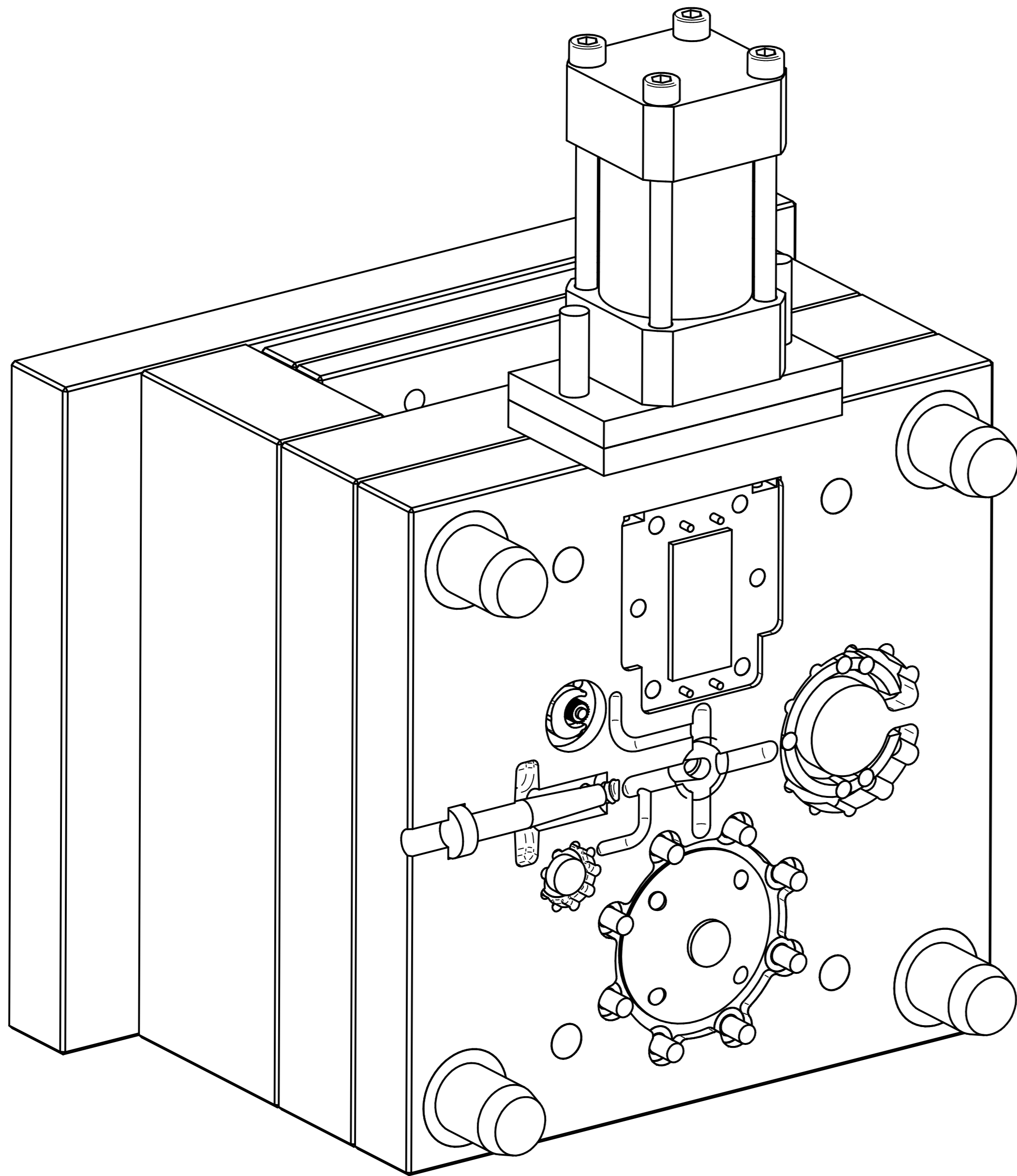
Servo Motor Plate



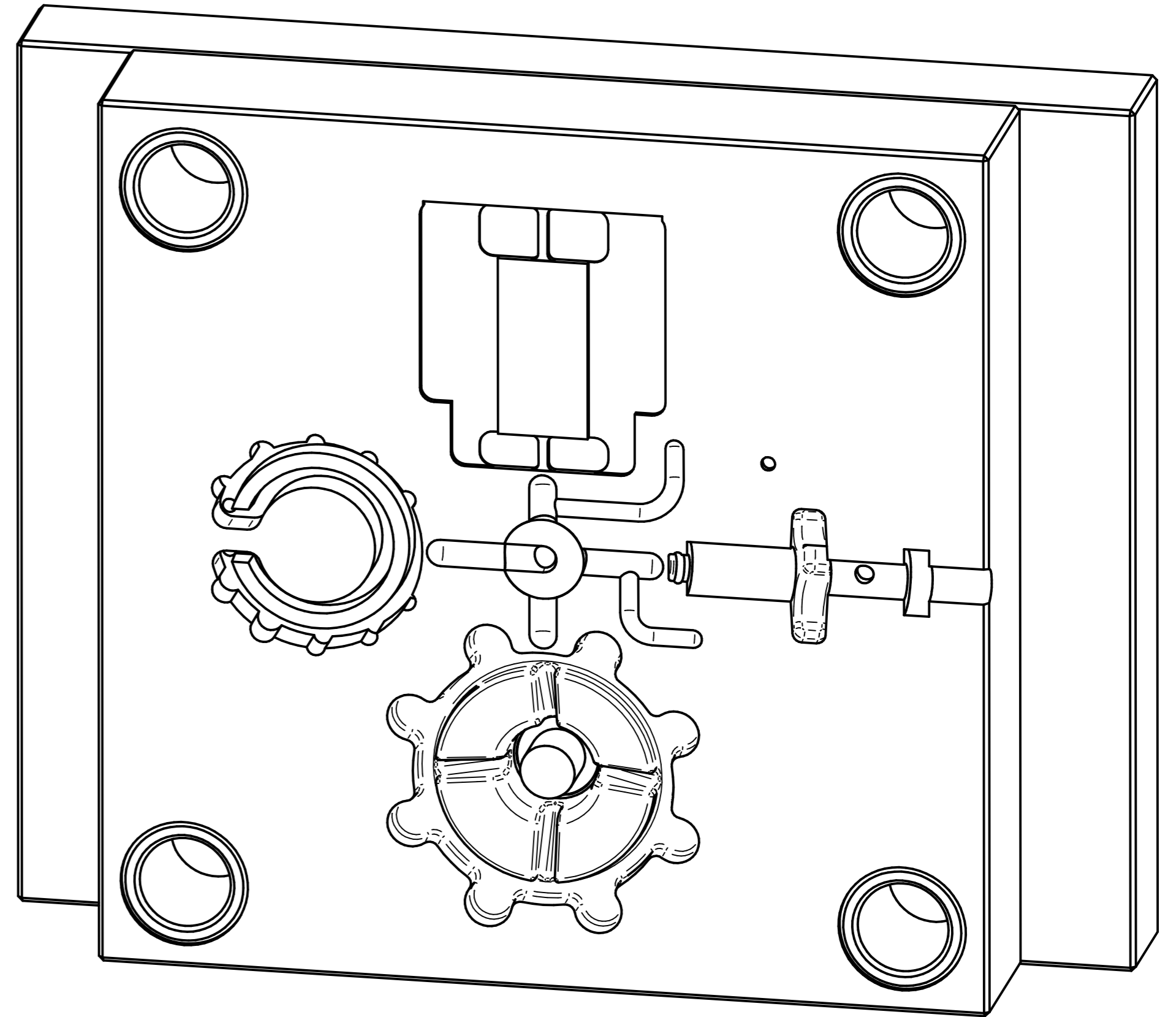
Rubber Spacer

	NAME	DATE	AGRIGEL	
DRAWN	DG	10/31/17	TITLE	
APPROVED			Shut Off Family Mould	
MATERIAL			SIZE	DWG NO
TREATMENT			A4	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			FILE NAME: Shut Off Family Mould.dft	REV
1st ANGLE ANGLES ±0.1°			SCALE:	WEIGHT:
2 PL ±0.02 3 PL ±0.005				SHEET 1 OF 20

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



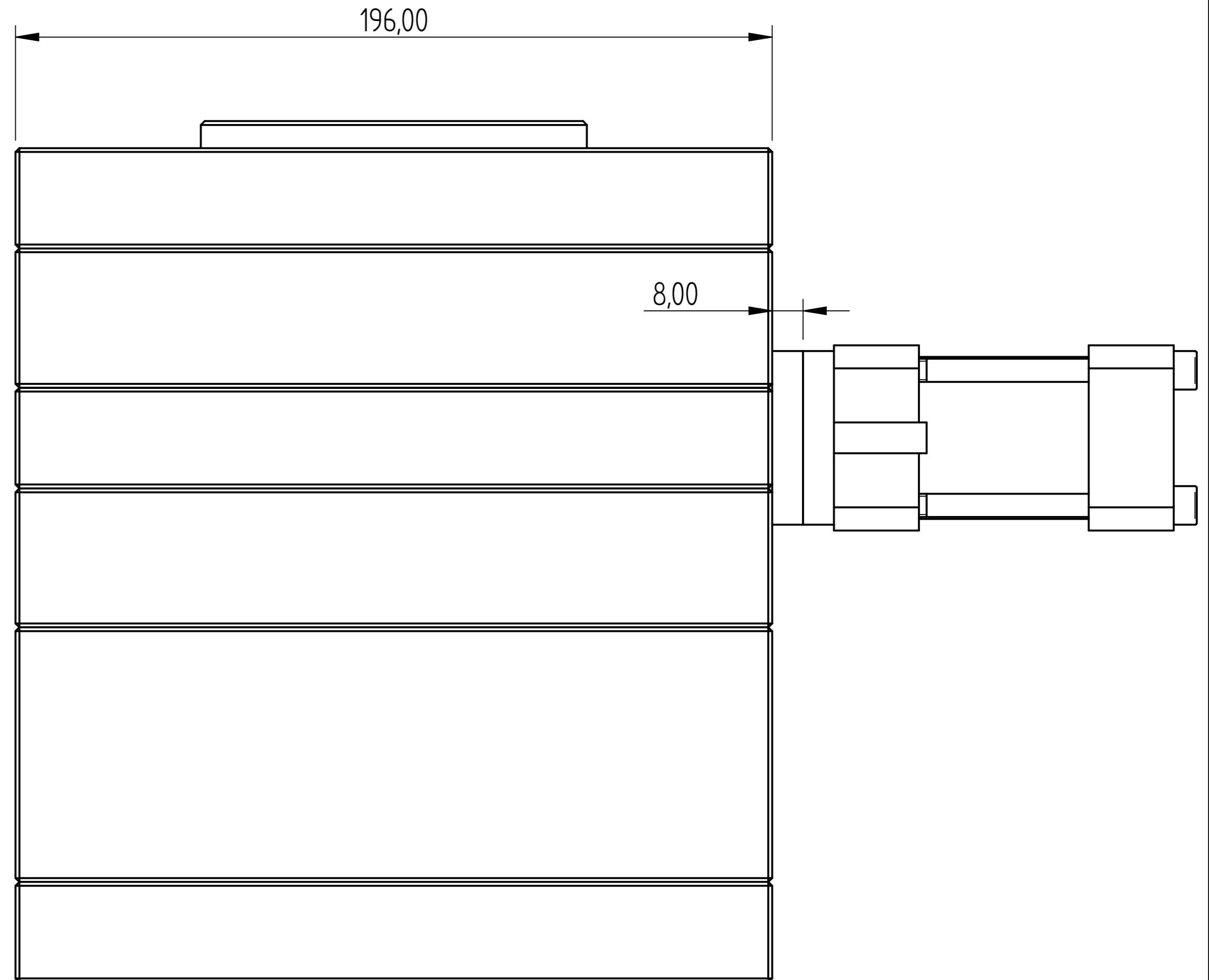
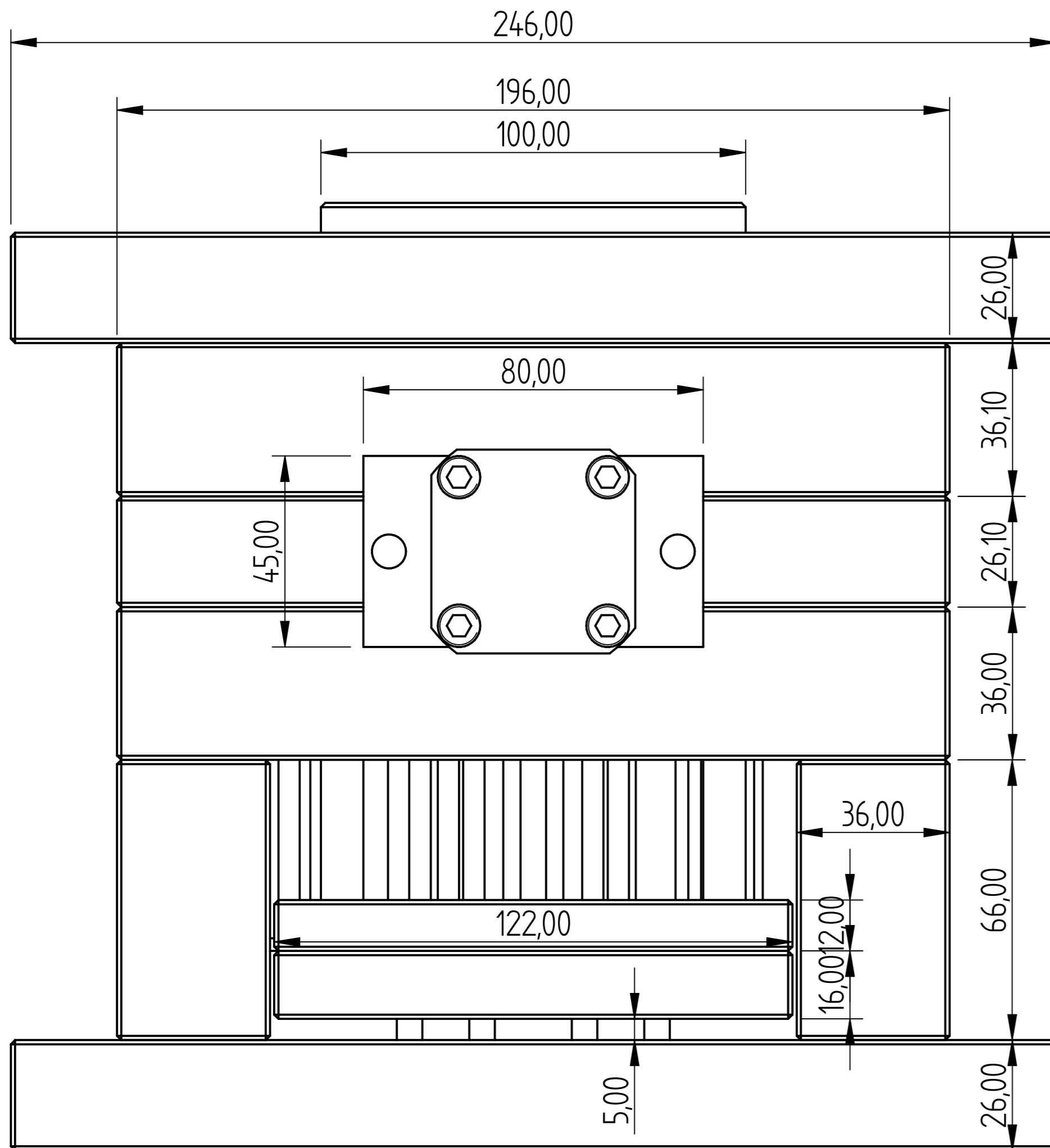
Moving Half



Fixed Half

	NAME	DATE	AGRIGEL	
DRAWN	DG	10/31/17		
APPROVED				
MATERIAL				
TREATMENT			TITLE	
			Shut Off Family Mould	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			SIZE A4	DWG NO
1st ANGLE ANGLES ±0.1°			FILE NAME: Shut Off Family Mould.dft	
2 PL ±0.02 3 PL ±0.005			SCALE:	WEIGHT:
			SHEET 2 OF 20	

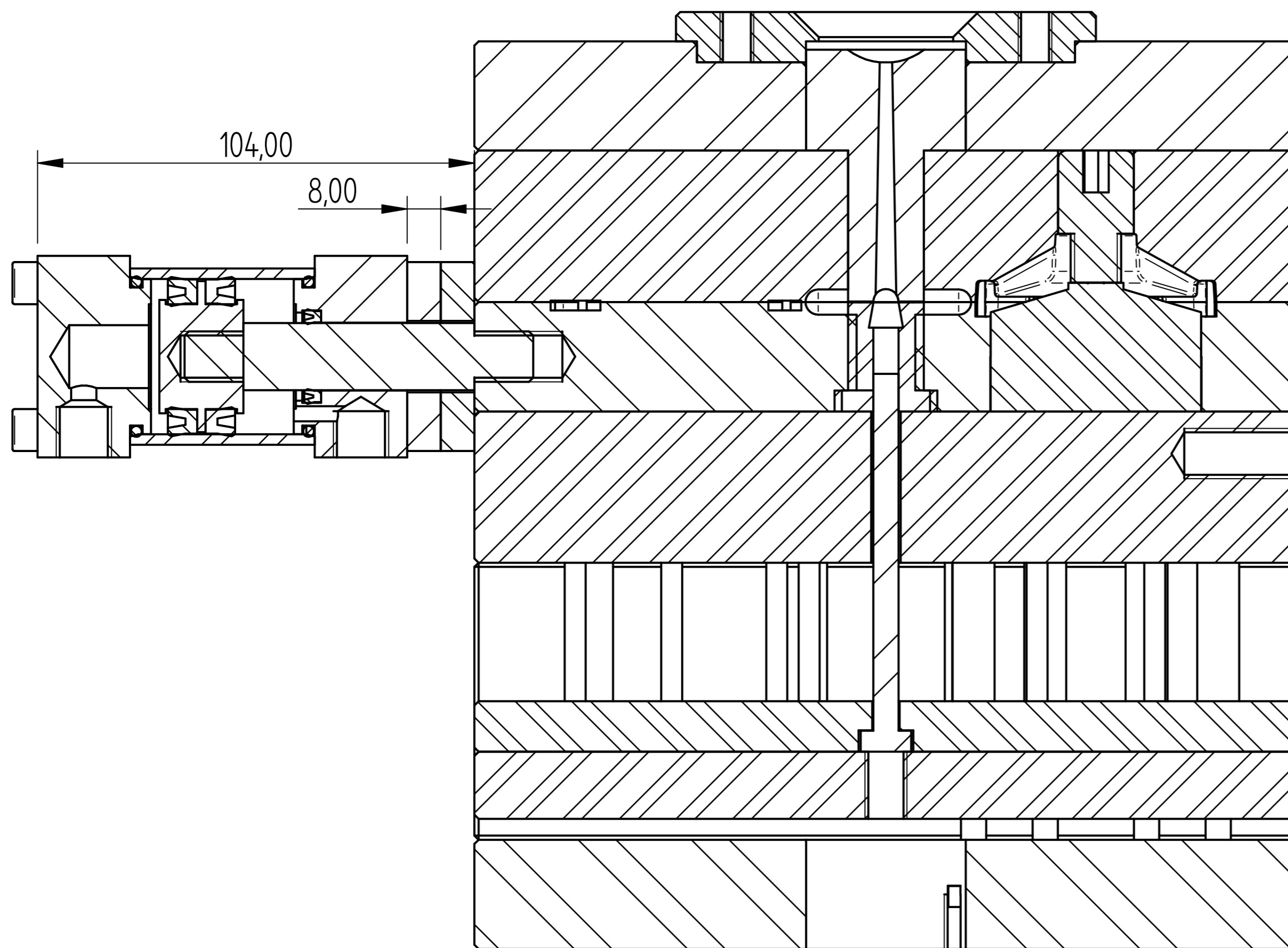
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



Shut Off Family Mould

	NAME	DATE	AGRIGEL	
DRAWN	DG	10/31/17		
APPROVED				
MATERIAL				
TREATMENT			TITLE	
			Shut Off Family Mould	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			SIZE A4	DWG NO
1 st ANGLE 2 PL ±0.02 3 PL ±0.005			FILE NAME: Shut Off Family Mould.dft	
			SCALE:	WEIGHT:
			SHEET 3 OF 20	

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



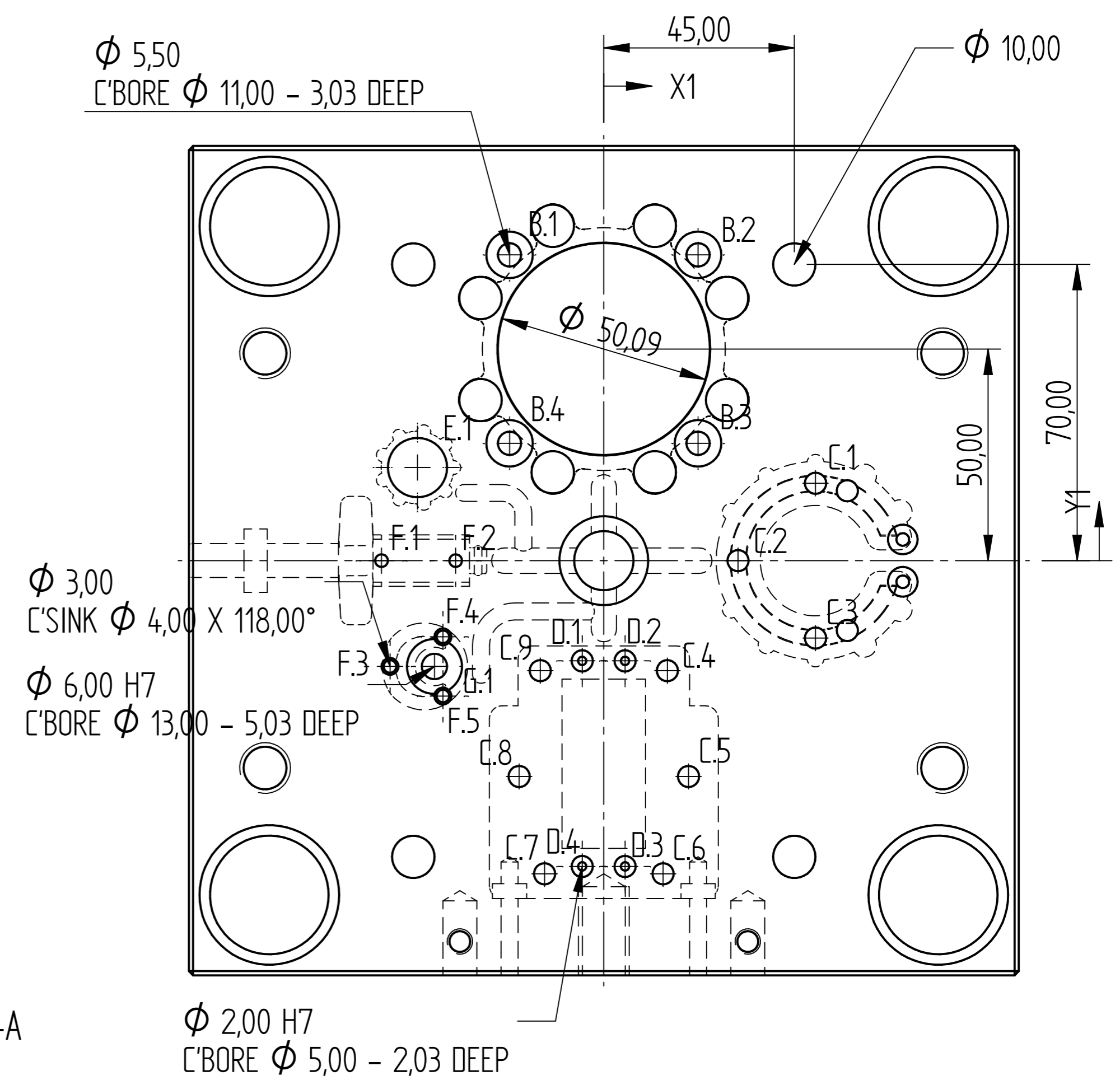
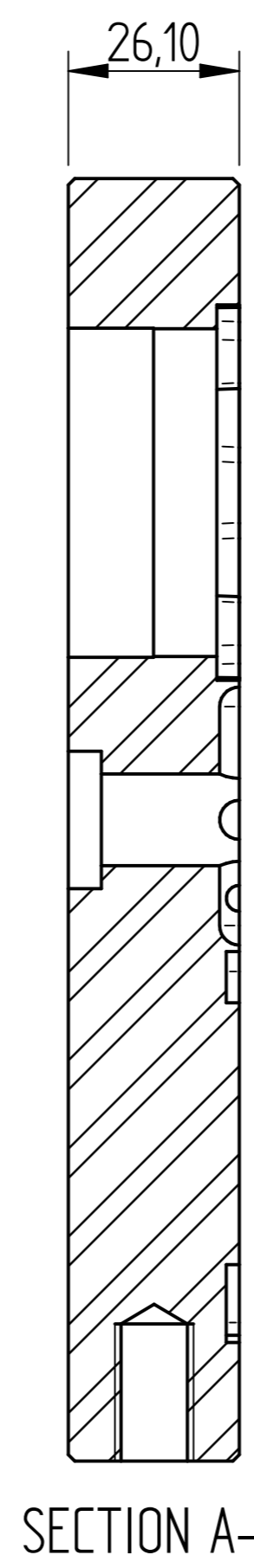
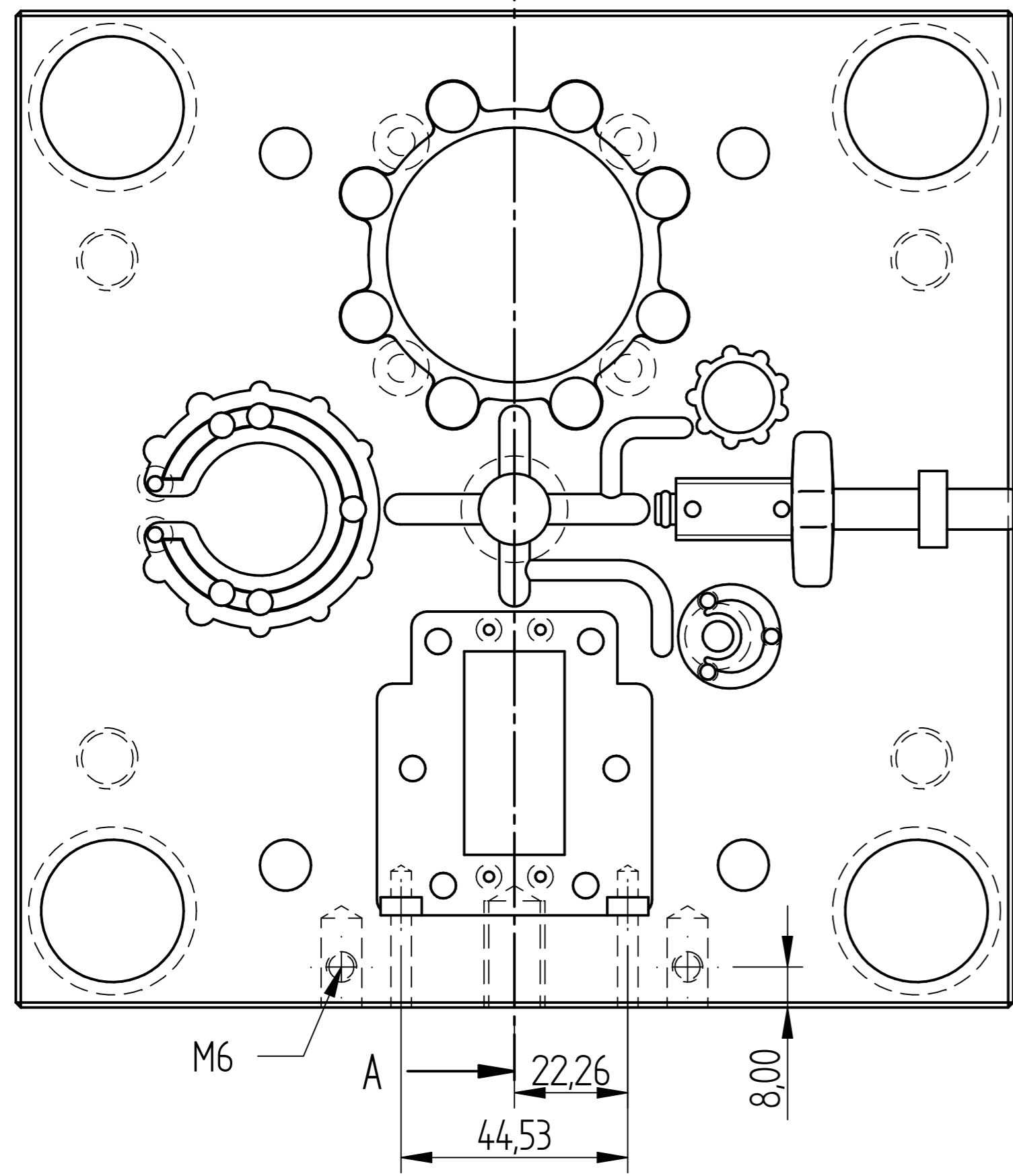
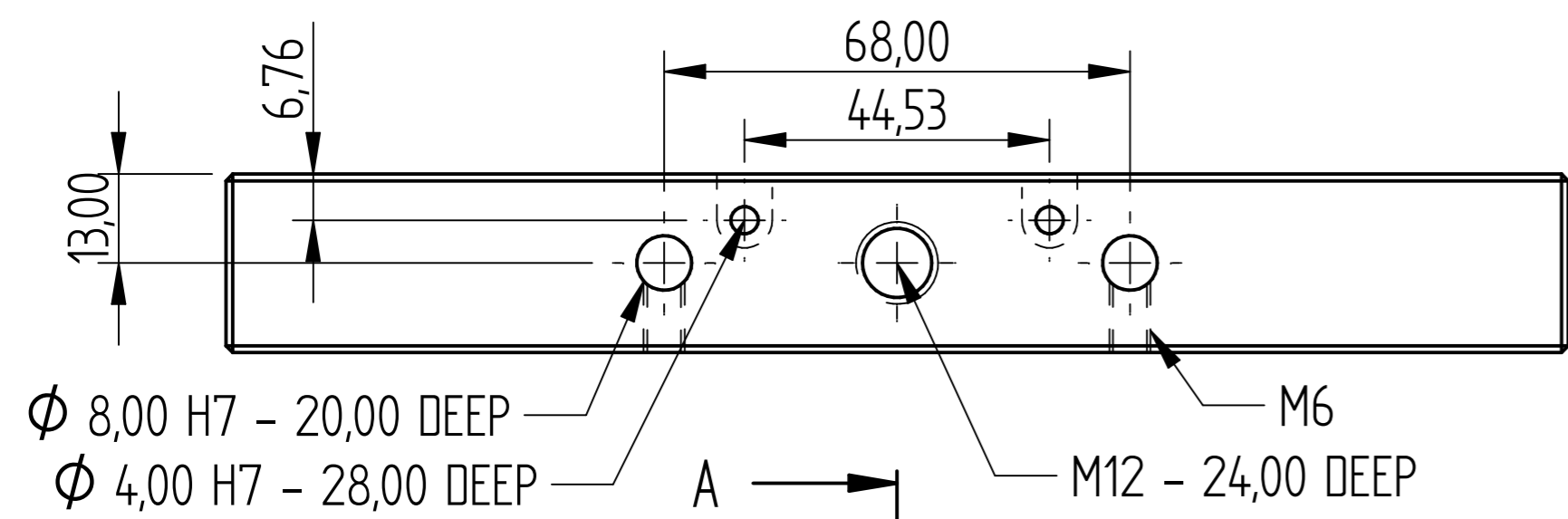
Shut Off Family Mould

Item Number	Title	Document Number	Quantity
1	Ejector Plate	196 x 122 x 12	1
2	Ejector Clamping Plate	196 x 122 x 16	1
3	MH Outer Die Plate	196 x 196 x 26	1
4	Support Plate	196 x 196 x 26	1
5	FH Die Plate	196 x 196 x 36	1
6	Riser	196 x 36 x 66	2
7	O-Ring	2-125	2
8	FH Clamping Plate	246 x 196 x 26	1
9	MH Clamping Plate	246 x 196 x 26	1
10	Core Backing Plate	80 x 42 x 8	1
11	Core Plate	80 x 42 x 8	1
12	Core Pin	CP 2 - 100	4
13	Core Pin	CP 4 - 100	2
14	Core Pin	CP 6 - 100	1
15	Core Pin	CP 6 - 160	8
16	Piston Shaft	D 12.5 x 70	1
17	Insert M12	D 15 x 31.5	1
18	Lock Nut Core	D 18 x 36	1
19	Cylinder Sleeve	D 35.5 x 30	1
20	Piston	D 35.5 x 8	1
21	MH Lid Insert	D 50 x 31	1
22	Bonnet End Cap	D 60 x 27	1
23	Cylinder End Cap	D 60 x 27	1
24	Cylinder Guide	D 8 x 60	2
25	Sprue Bush	Dia 18 x 36	1
26	Sprue Puller Bush	Dia 20 x 26	1
27	Ejector Pin	EP 10 - 100	1
28	Ejector Pin	EP 10 - 125	4
29	Ejector Pin	EP 3 - 125	2
30	Ejector Pin	EP 3 - 125	3

Item Number	Title	Document Number	Quantity	Item Number	Title	Document Number	Quantity
31	Ejector Pin	EP 5 - 125 A	4	37	Locating Pin	FSN20-26-26	4
32	Ejector Pin	EP 5 - 125 B	5	38	Locating Ring	LR-100	1
33	Ejector Pin	EP 5 - 125 C	6	39	Cap Screw	M6-100	4
34	Ejector Pin	EP 6 - 100 A	1	40	PU Seal	PU 16-22-4	1
35	Ejector Pin	EP 6 - 125	1	41	Cylinder Polly U Seal	PU 25-37-7	2
36	Locating Bush	FBN20-36	4	42	Sleeve Ejector Pin	SEP 10x6 - 125	8

DRAWN	NAME	DATE	AGRIGEL
APPROVED	DG	10/31/17	
MATERIAL			
TREATMENT			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			TITLE
1st ANGLE ANGLES ±0.1°			Shut Off Family Mould
2 PL ±0.02 3 PL ±0.005			FILE NAME: Shut Off Family Mould.dft
SCALE:		WEIGHT:	REV
			SHEET 4 OF 20

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED

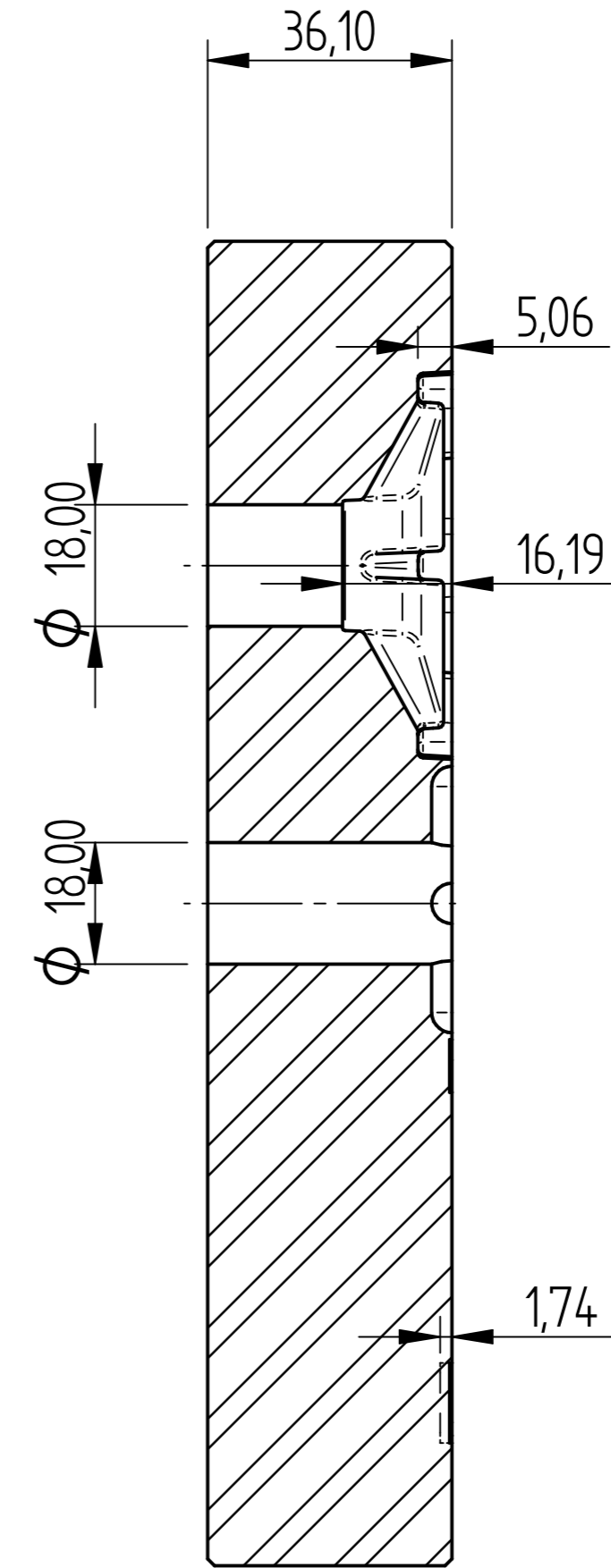
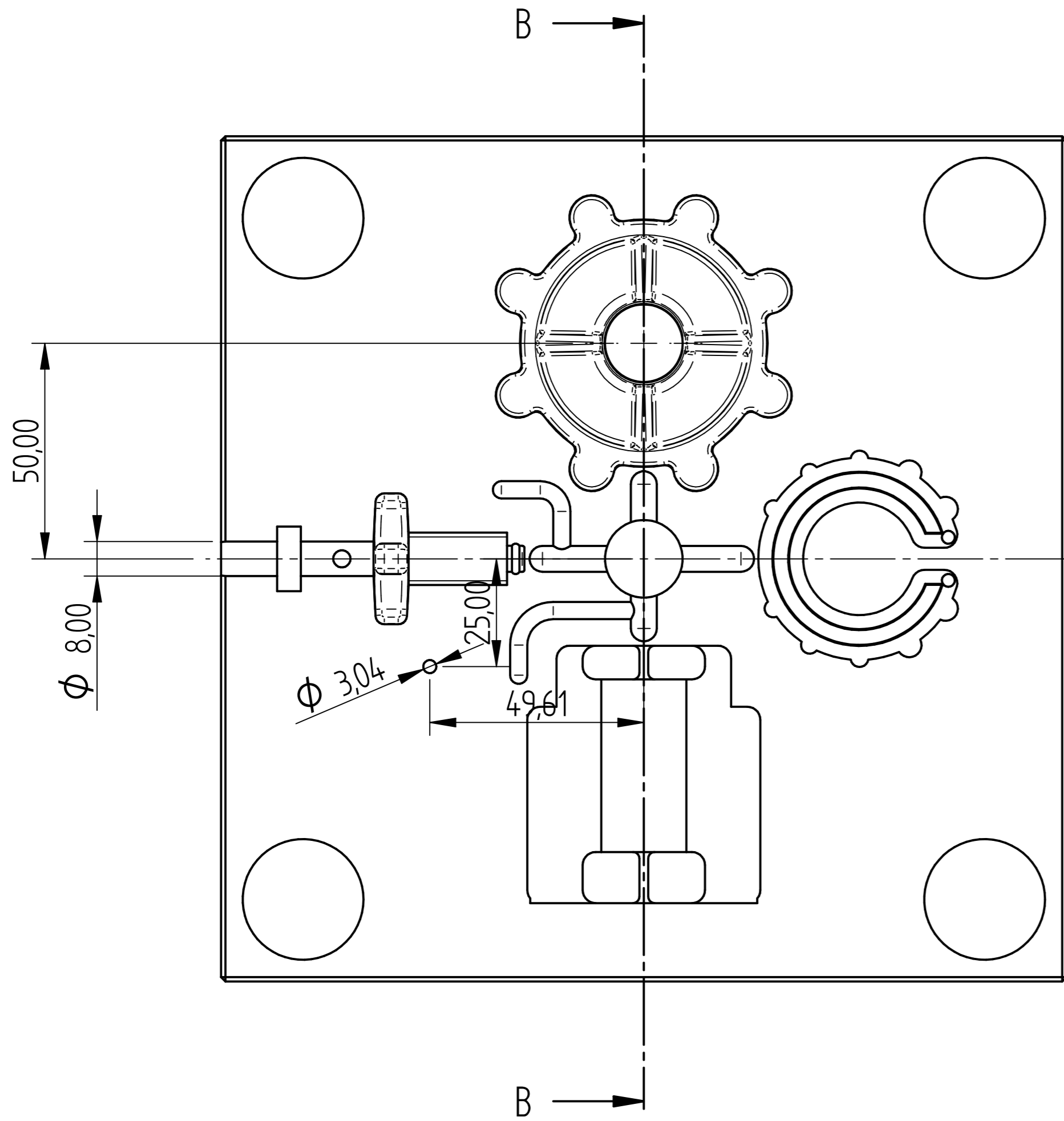


Hole Table				Hole Table				Hole Table				Hole Table			
Hole	X	Y	Size	Hole	X	Y	Size	Hole	X	Y	Size	Hole	X	Y	Size
B.1	-22,26	72,26	$\phi 5,50$	C.3	50,00	-18,30	$\phi 5,00$	C.9	-15,00	-26,00	$\phi 5,00$	F.1	-52,50	0,00	$\phi 3,00$
B.2	22,26	72,26	$\phi 5,50$	C.4	15,00	-26,00	$\phi 5,00$	D.1	-5,11	-23,69	$\phi 2,00$	F.2	-35,00	0,00	$\phi 3,00$
B.3	22,26	27,74	$\phi 5,50$	C.5	20,00	-51,00	$\phi 5,00$	D.2	5,01	-23,69	$\phi 2,00$	F.3	-50,50	-25,00	$\phi 3,00$
B.4	-22,26	27,74	$\phi 5,50$	C.6	14,00	-74,00	$\phi 5,00$	D.3	5,01	-72,26	$\phi 2,00$	F.4	-38,00	-18,00	$\phi 3,00$
C.1	50,00	18,30	$\phi 5,00$	C.7	-14,00	-74,00	$\phi 5,00$	D.4	-5,11	-72,26	$\phi 2,00$	F.5	-38,00	-32,00	$\phi 3,00$
C.2	31,70	0,00	$\phi 5,00$	C.8	-20,00	-51,00	$\phi 5,00$	E.1	-44,00	22,00	$\phi 14,00$	G.1	-40,00	-25,00	$\phi 6,00$

MH DIE PLATE

DRAWN	NAME	DATE	AGRIGEL
APPROVED	DG	10/31/17	
MATERIAL			
TREATMENT			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLES $\pm 0,1^\circ$			TITLE
2 PL $\pm 0,02$ 3 PL $\pm 0,005$			Shut Off Family Mould
SCALE:		WEIGHT:	FILE NAME: Shut Off Family Mould.dft
SHEET 5 OF 20			

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED

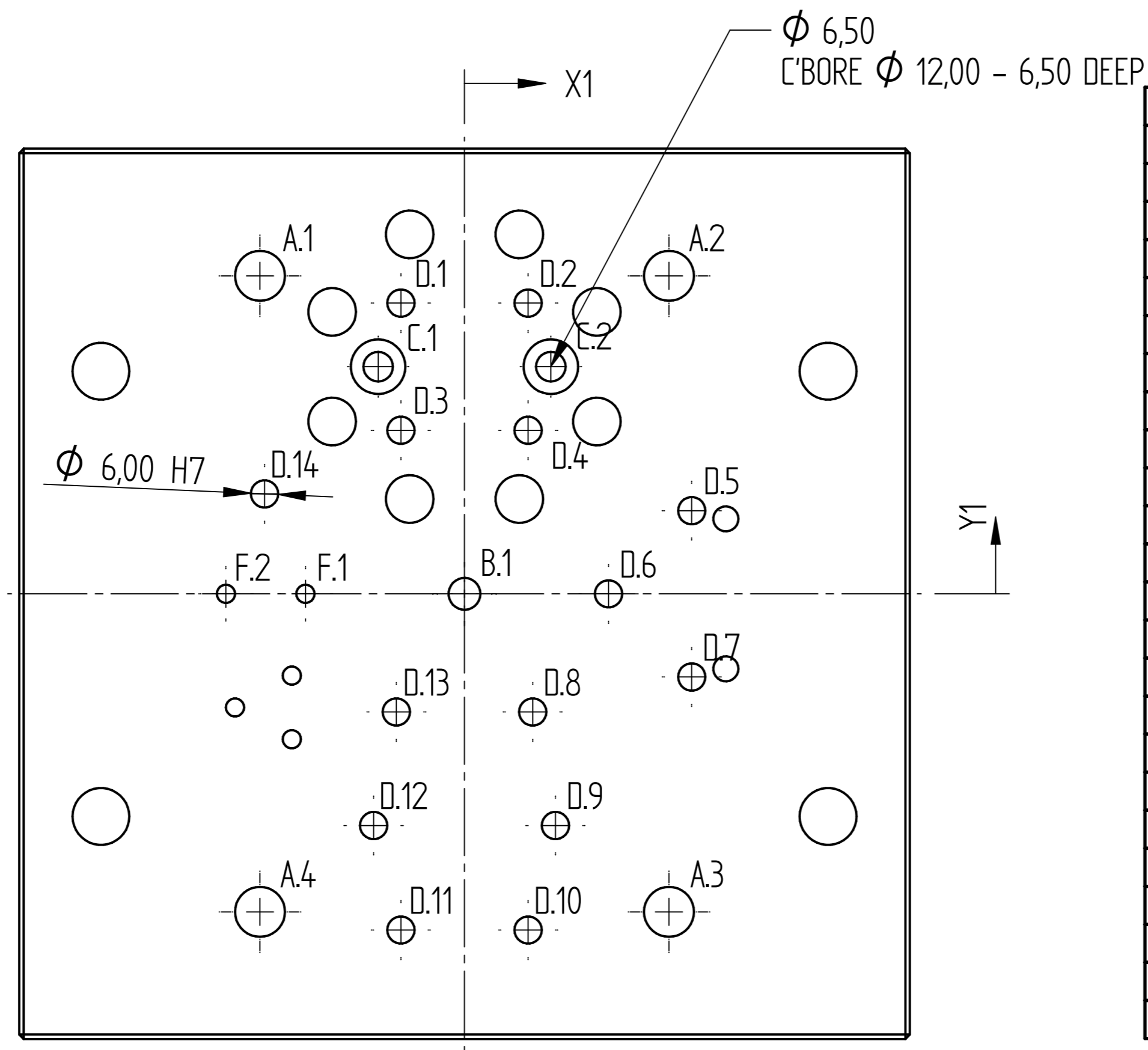
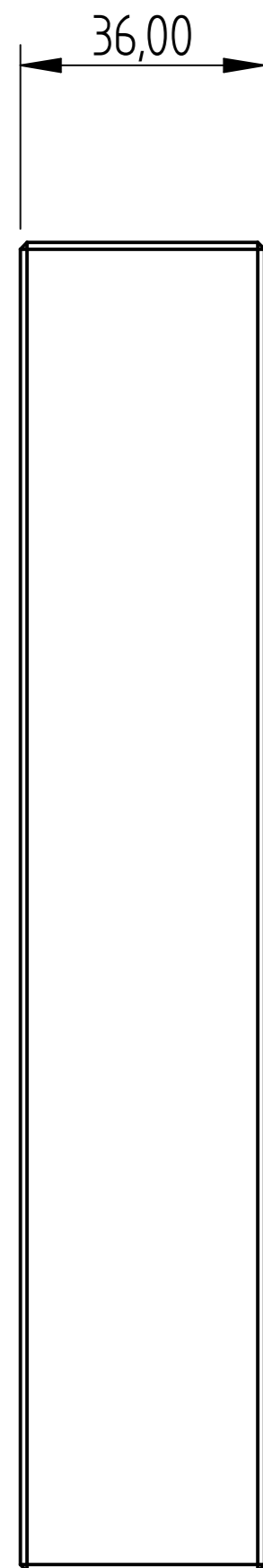


SECTION B-B

FH DIE PLATE

	NAME	DATE	AGRIGEL		
DRAWN	DG	10/31/17			
APPROVED			TITLE Shut Off Family Mould		
MATERIAL					
TREATMENT			SIZE A4	DWG NO	REV
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			FILE NAME: Shut Off Family Mould.dft		
1 st ANGLE 2 PL ±0.02 3 PL ±0.005			SCALE:	WEIGHT:	SHEET 6 OF 20

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED

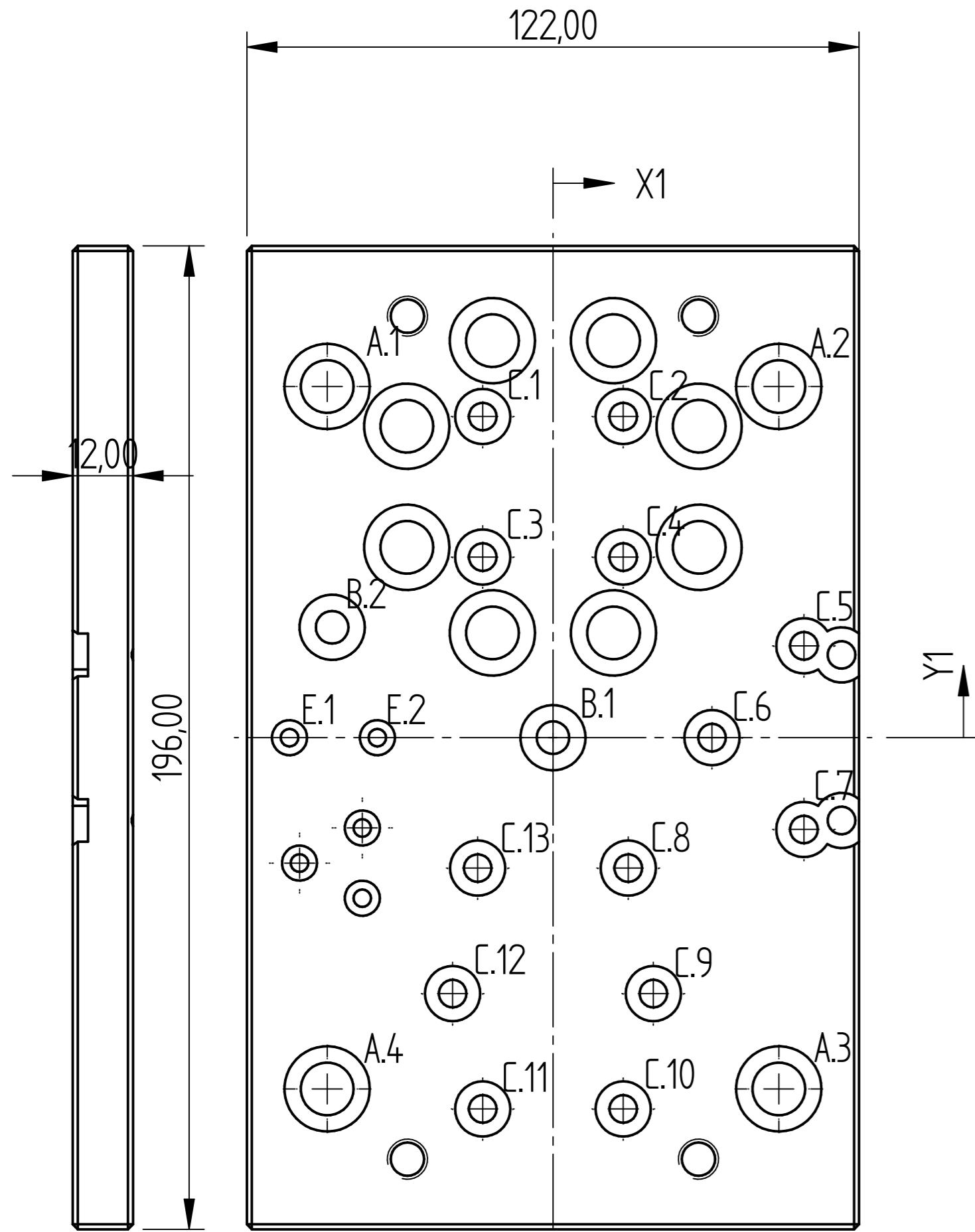


Hole Table			
Hole	X	Y	Size
A.1	-45,00	70,00	ϕ 11,00
A.2	45,00	70,00	ϕ 11,00
A.3	45,00	-70,00	ϕ 11,00
A.4	-45,00	-70,00	ϕ 11,00
B.1	0,00	0,00	ϕ 7,00
C.1	-19,00	50,00	ϕ 6,50
C.2	19,00	50,00	ϕ 6,50
D.1	-14,00	64,00	ϕ 6,00
D.2	14,00	64,00	ϕ 6,00
D.3	-14,00	36,00	ϕ 6,00
D.4	14,00	36,00	ϕ 6,00
D.5	50,00	18,30	ϕ 6,00
D.6	31,70	0,00	ϕ 6,00
D.7	50,00	-18,30	ϕ 6,00
D.8	15,00	-26,00	ϕ 6,00
D.9	20,00	-51,00	ϕ 6,00
D.10	14,00	-74,00	ϕ 6,00
D.11	-14,00	-74,00	ϕ 6,00
D.12	-20,00	-51,00	ϕ 6,00
D.13	-15,00	-26,00	ϕ 6,00
D.14	-44,00	22,00	ϕ 6,00 H7
F.1	-35,00	0,00	ϕ 4,00
F.2	-52,50	0,00	ϕ 4,00

Support Plate

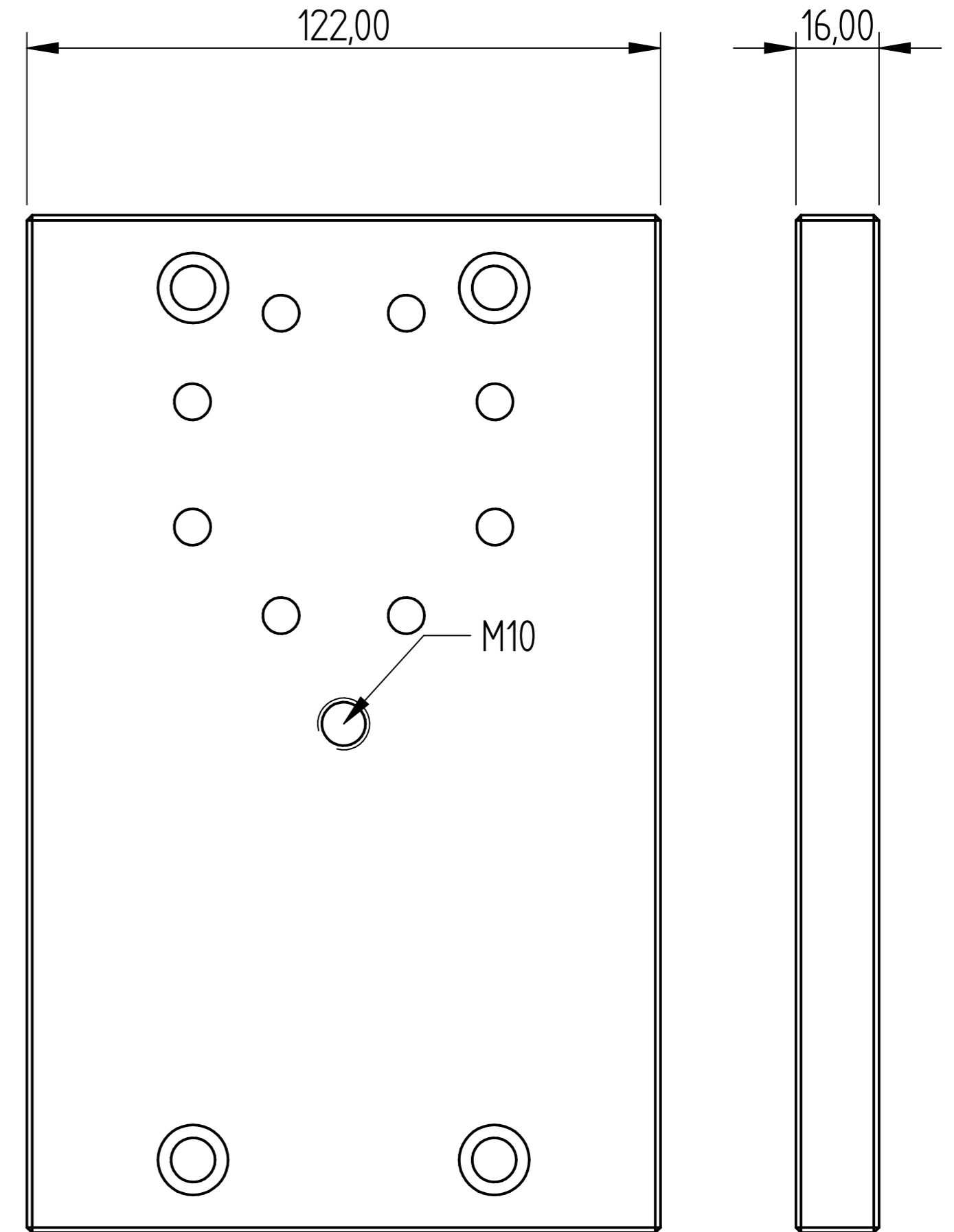
	NAME	DATE	AGRIGEL	
DRAWN	DG	10/31/17		
APPROVED				
MATERIAL				
TREATMENT			TITLE	
			Shut Off Family Mould	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			SIZE A4	DWG NO
1 st ANGLE 2 PL ±0.02 3 PL ±0.005			FILE NAME: Shut Off Family Mould.dft	REV
			SCALE:	WEIGHT:
			SHEET 7 OF 20	

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



Ejector Plate

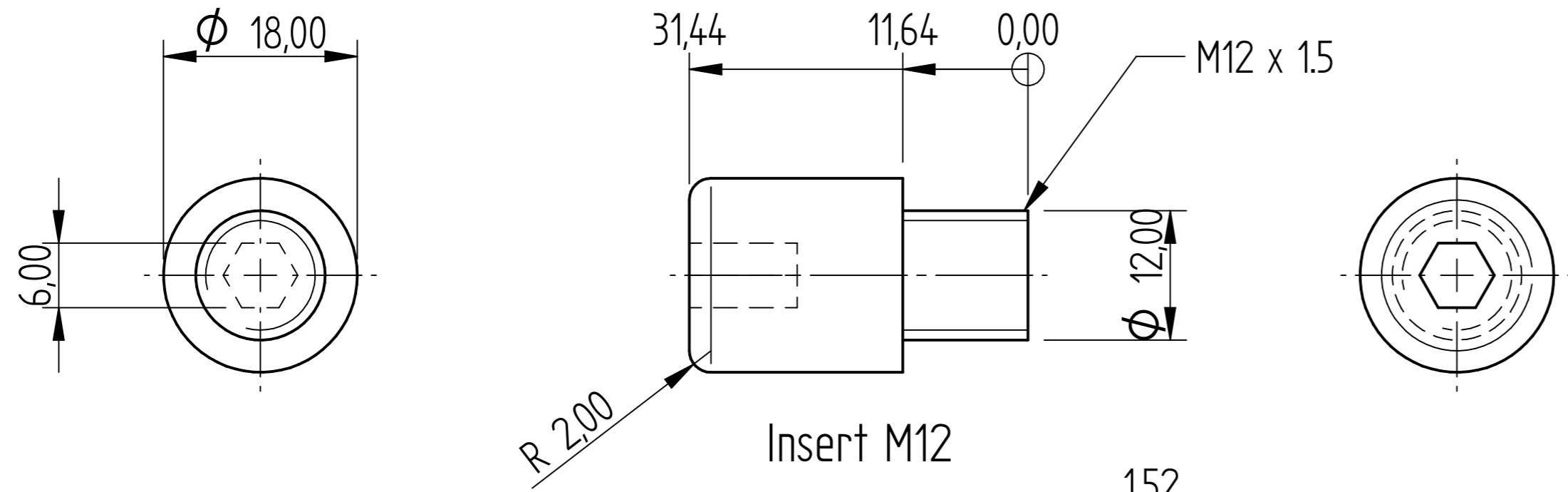
Hole Table			
Hole	X	Y	Hole Type
A.1	-45,00	70,00	φ 10,50 CB φ 17,00-5,05
A.2	45,00	70,00	φ 10,50 CB φ 17,00-5,05
A.3	45,00	-70,00	φ 10,50 CB φ 17,00-5,05
A.4	-45,00	-70,00	φ 10,50 CB φ 17,00-5,05
B.1	0,00	0,00	φ 6,50 CB φ 13,00-5,05
B.2	-44,00	22,00	φ 6,50 CB φ 13,00-5,05
C.1	-14,00	64,00	φ 5,50 CB φ 11,00-3,05
C.2	14,00	64,00	φ 5,50 CB φ 11,00-3,05
C.3	-14,00	36,00	φ 5,50 CB φ 11,00-3,05
C.4	14,00	36,00	φ 5,50 CB φ 11,00-3,05
C.5	50,00	18,30	φ 5,50 CB φ 11,00-3,05
C.6	31,70	0,00	φ 5,50 CB φ 11,00-3,05
C.7	50,00	-18,30	φ 5,50 CB φ 11,00-3,05
C.8	15,00	-26,00	φ 5,50 CB φ 11,00-3,05
C.9	20,00	-51,00	φ 5,50 CB φ 11,00-3,05
C.10	14,00	-74,00	φ 5,50 CB φ 11,00-3,05
C.11	-14,00	-74,00	φ 5,50 CB φ 11,00-3,05
C.12	-20,00	-51,00	φ 5,50 CB φ 11,00-3,05
C.13	-15,00	-26,00	φ 5,50 CB φ 11,00-3,05
E.1	-52,50	0,00	φ 3,50 CB φ 7,00-3,05
E.2	-35,00	0,00	φ 3,50 CB φ 7,00-3,05



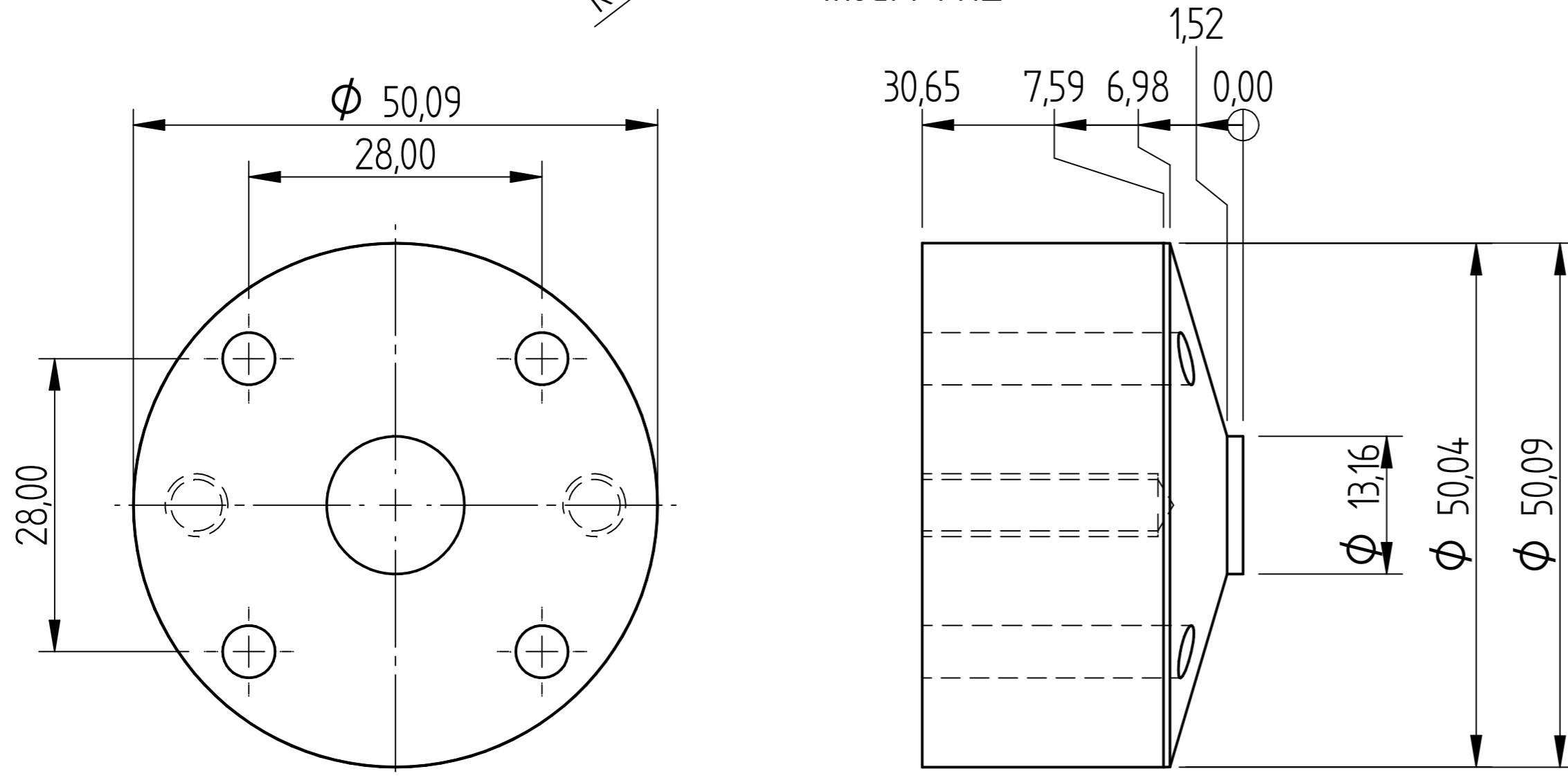
Ejector Clamping Plate

DRAWN	OG	DATE	10/31/17	AGRIGEL
APPROVED				
MATERIAL				
TREATMENT				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS				SIZE A4
1st ANGLE				DWG NO
2 PL ±0.02 3 PL ±0.005				REV
FILE NAME: Shut Off Family Mould.dft				
SCALE:	WEIGHT:	SHEET 8 OF 20		

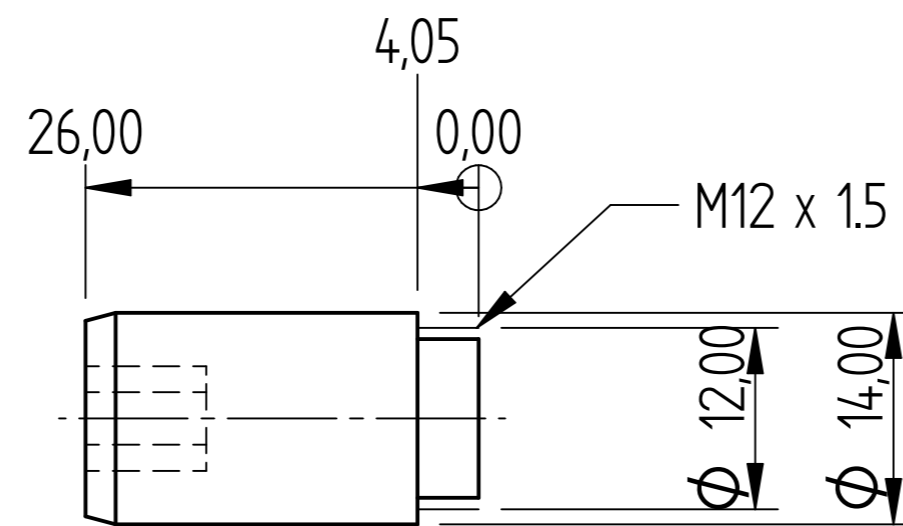
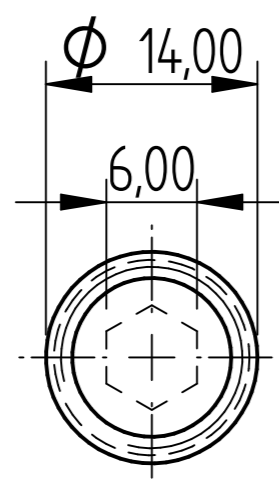
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



Insert M12



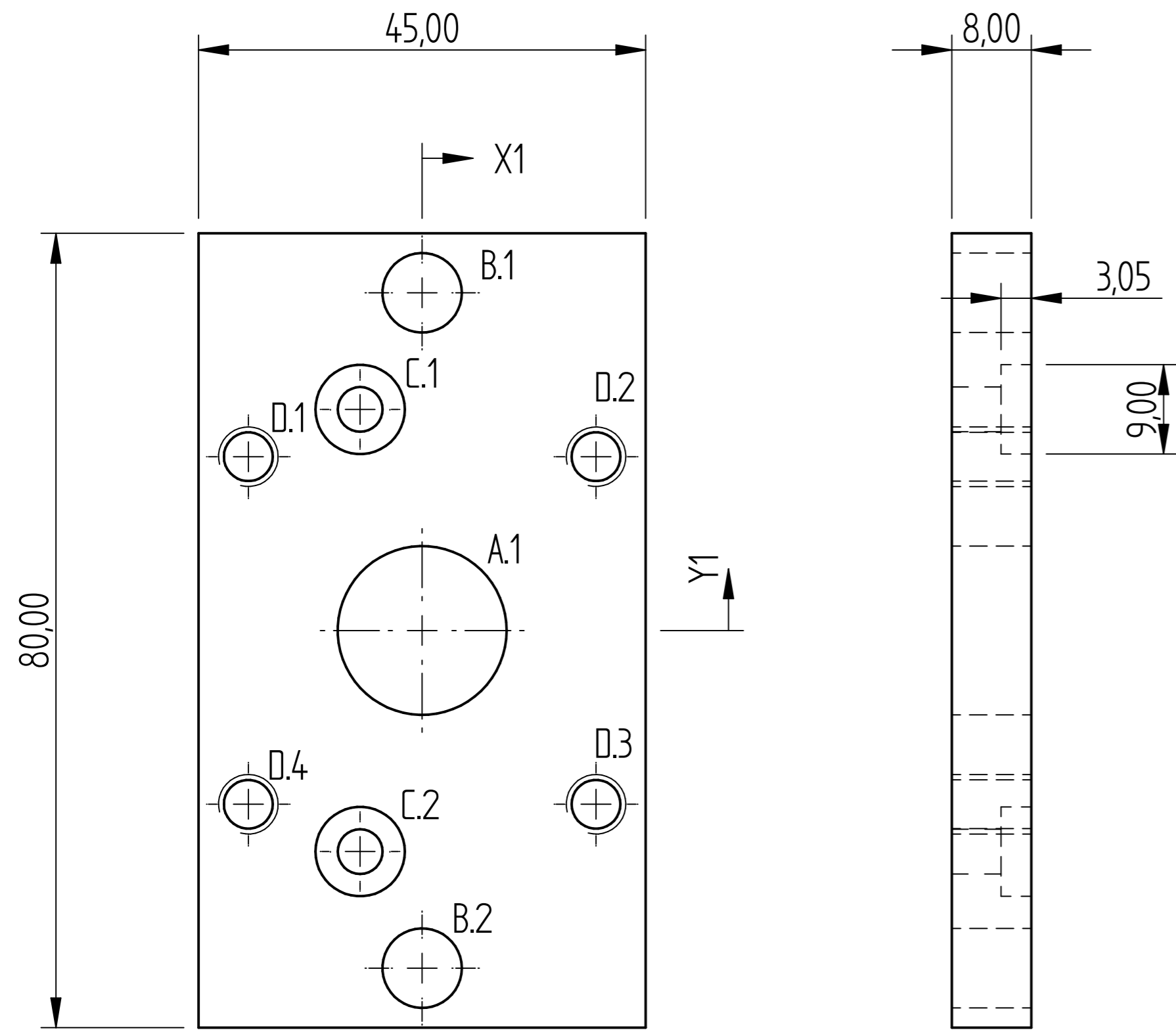
MH Lid Insert



Lock Nut Core

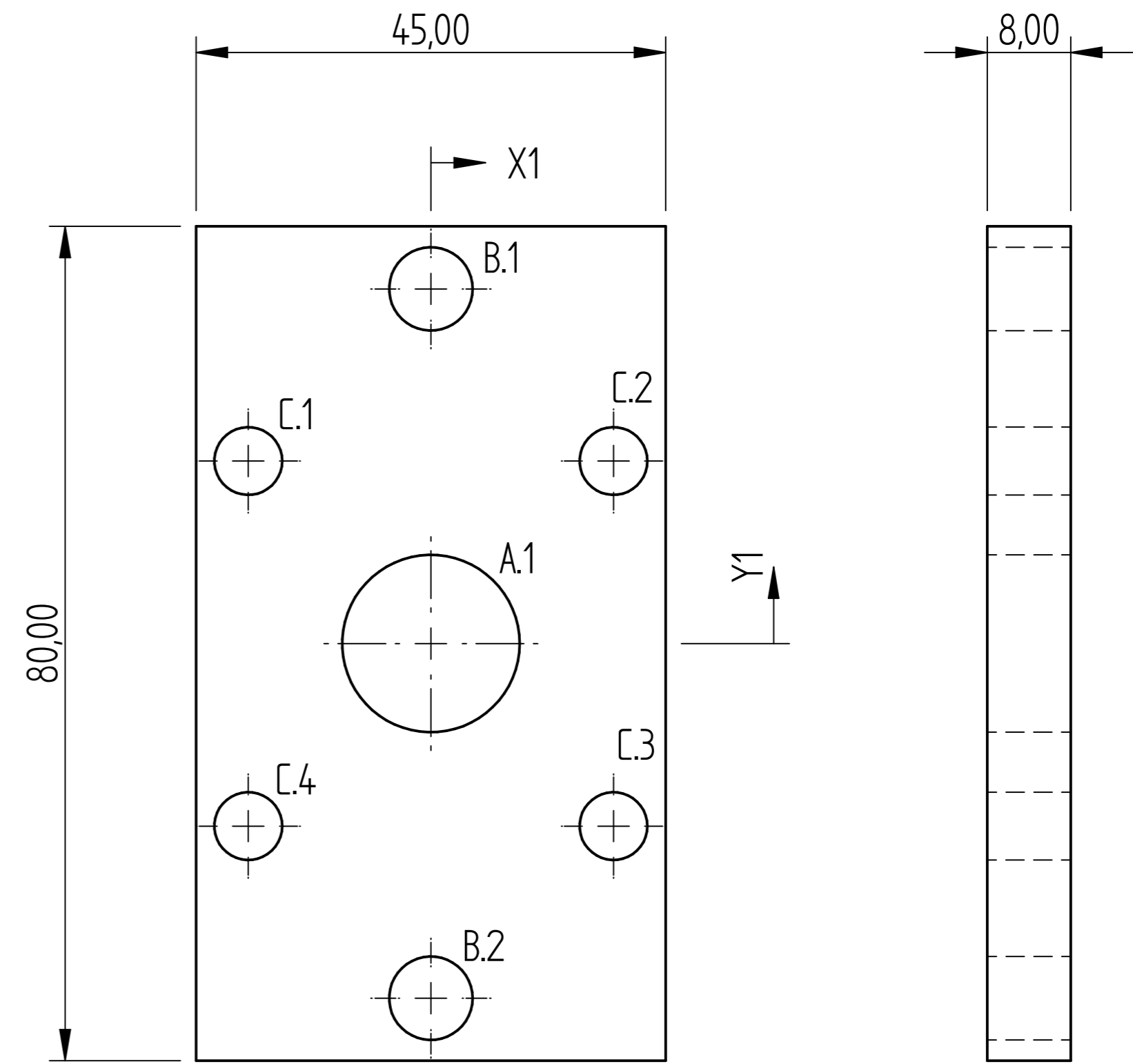
DRAWN	NAME	DATE	AGRIGEL	
APPROVED	DG	10/31/17		
MATERIAL			TITLE	
TREATMENT			Shut Off Family Mould	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			SIZE A4	DWG NO
1 st ANGLE			REV	
2 PL ±0.02 3 PL ±0.005			FILE NAME: Shut Off Family Mould.dft	
SCALE:		WEIGHT:	SHEET 9 OF 20	

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



Core Plate

Hole Table			
Hole	X	Y	Size
A.1	0,00	0,00	φ 17,00
B.1	0,00	34,00	φ 8,00
B.2	0,00	-34,00	φ 8,00
C.1	-6,24	22,26	φ 4,50
C.2	-6,24	-22,26	φ 4,50
D.1	-17,50	17,50	φ 4,92
D.2	17,50	17,50	φ 4,92
D.3	17,50	-17,50	φ 4,92
D.4	-17,50	-17,50	φ 4,92

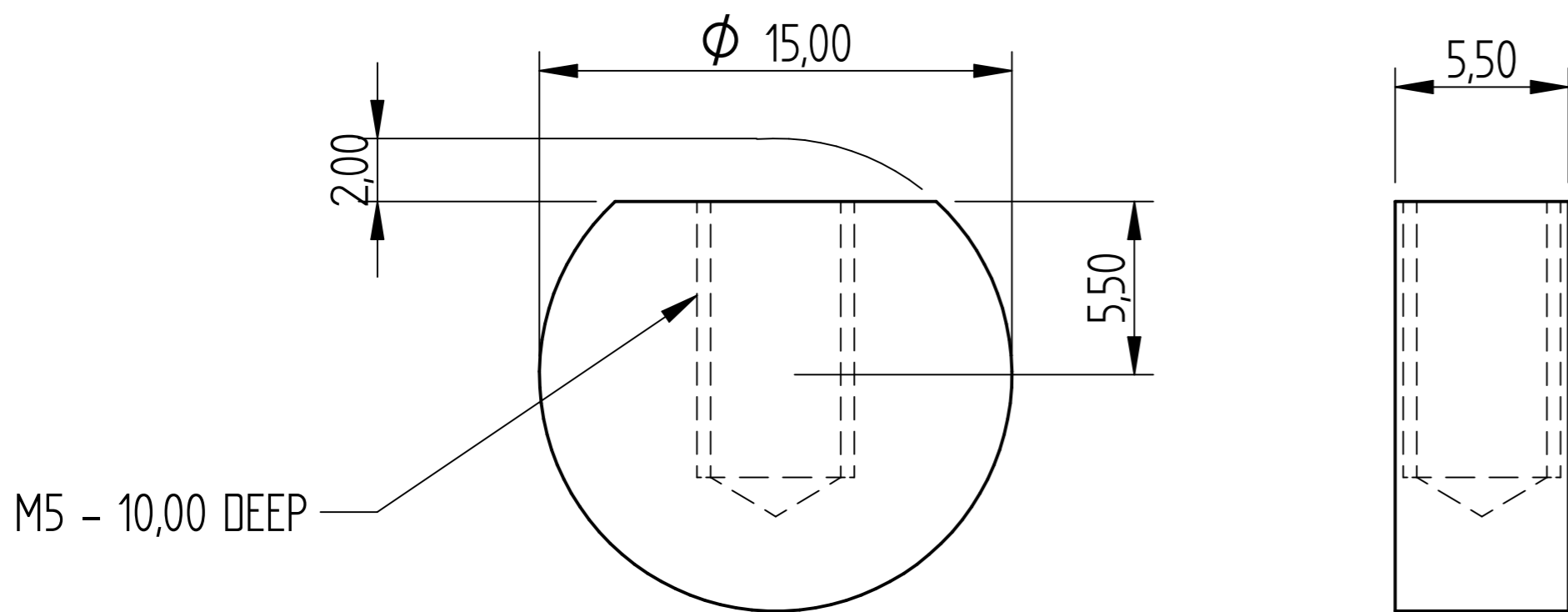
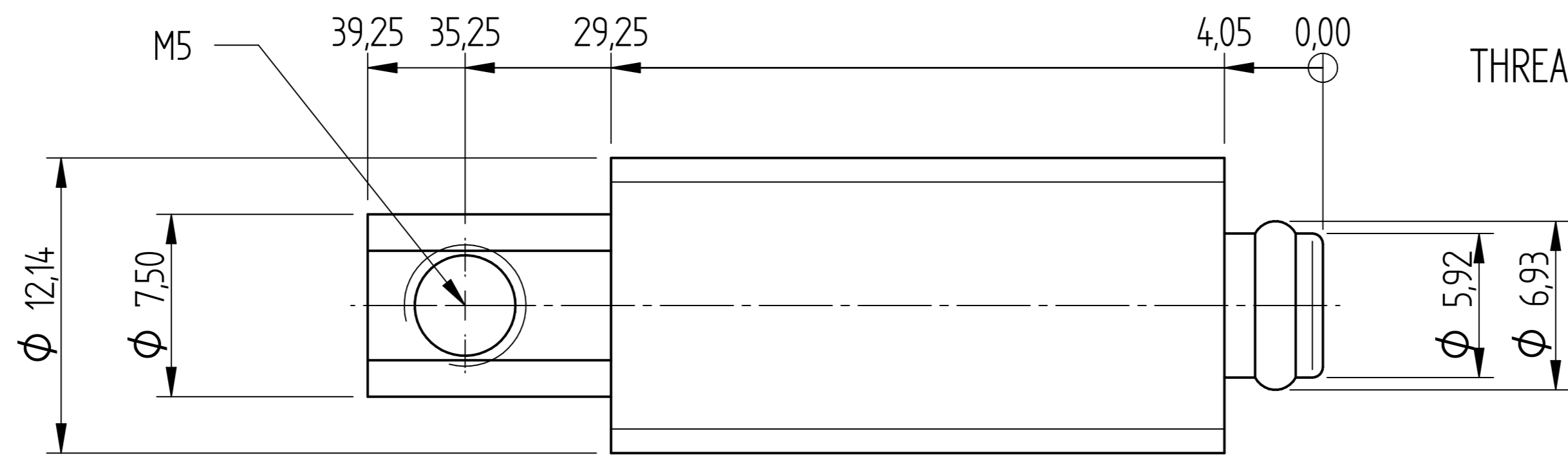
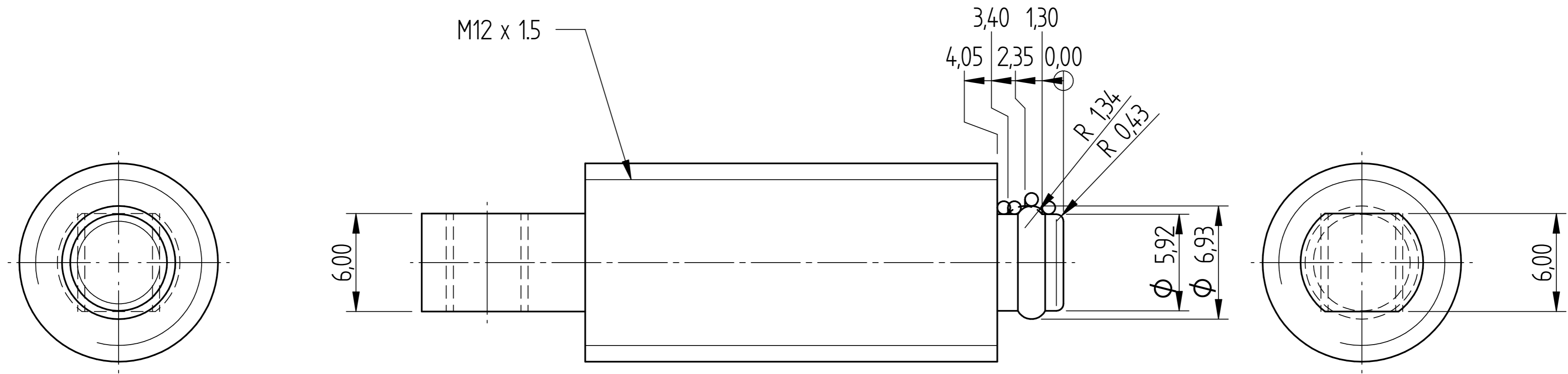


Core Backing Plate

Hole Table			
Hole	X	Y	Size
A.1	0,00	0,00	φ 17,00
B.1	0,00	34,00	φ 8,00
B.2	0,00	-34,00	φ 8,00
C.1	-17,50	17,50	φ 6,50
C.2	17,50	17,50	φ 6,50
C.3	17,50	-17,50	φ 6,50
C.4	-17,50	-17,50	φ 6,50

	NAME	DATE	AGRIGEL
DRAWN	DG	10/31/17	
APPROVED			
MATERIAL			
TREATMENT			TITLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			Shut Off Family Mould
ANGLES ±0.1°			SIZE A4 DWG NO
2 PL ±0.02 3 PL ±0.005			FILE NAME: Shut Off Family Mould.dft
SCALE:		WEIGHT:	SHEET 10 OF 20

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED

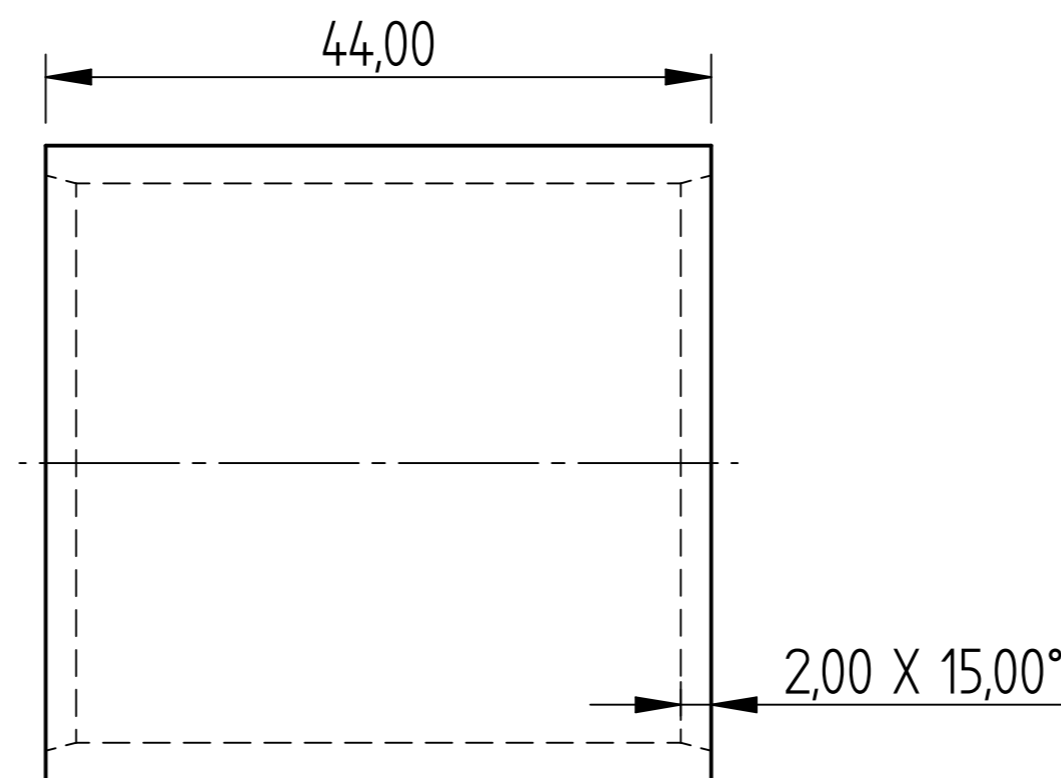
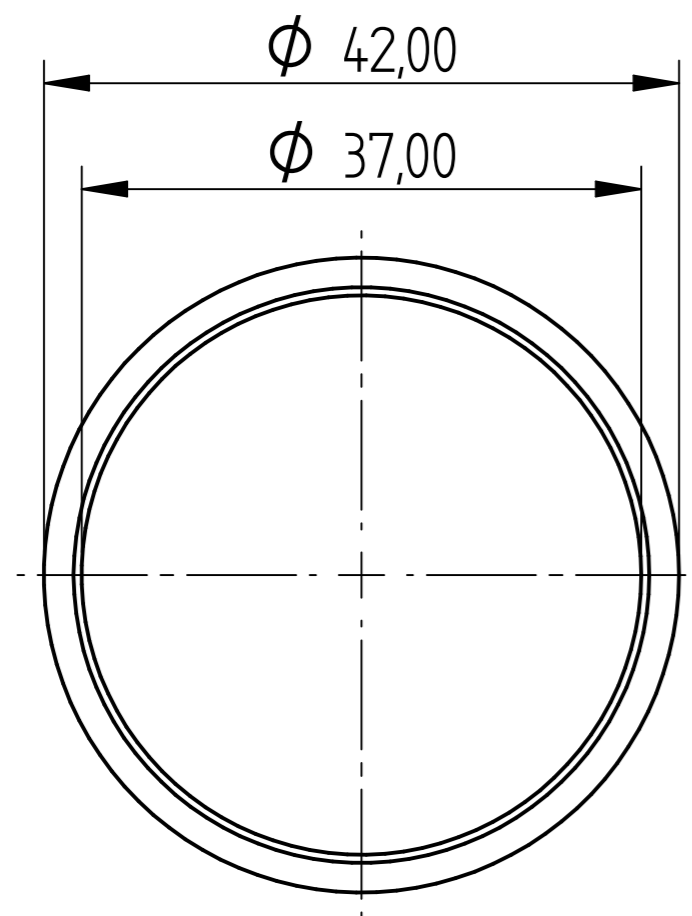
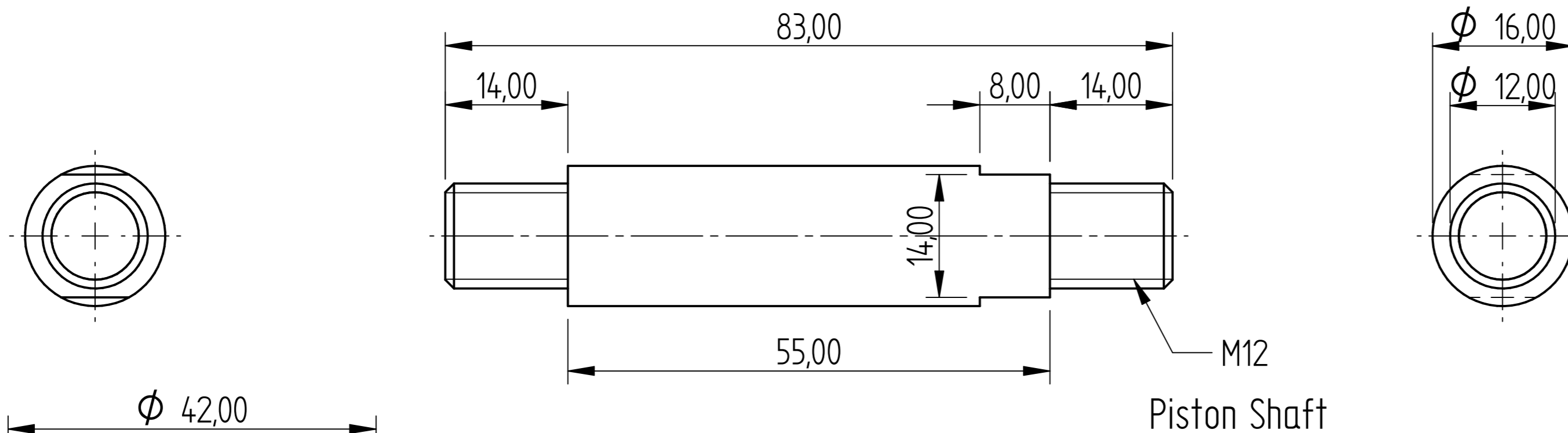
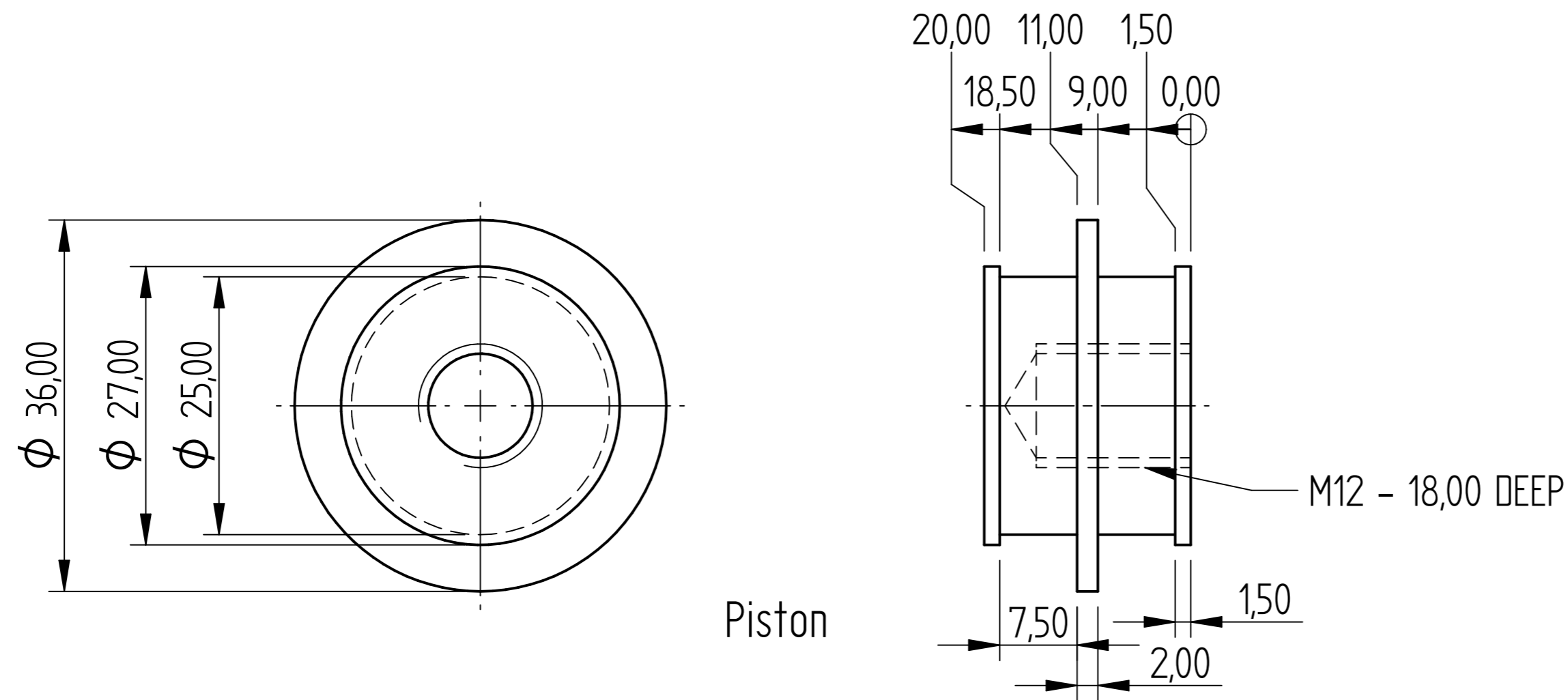


Core Head Electrode

Adjusting Screw Electrode

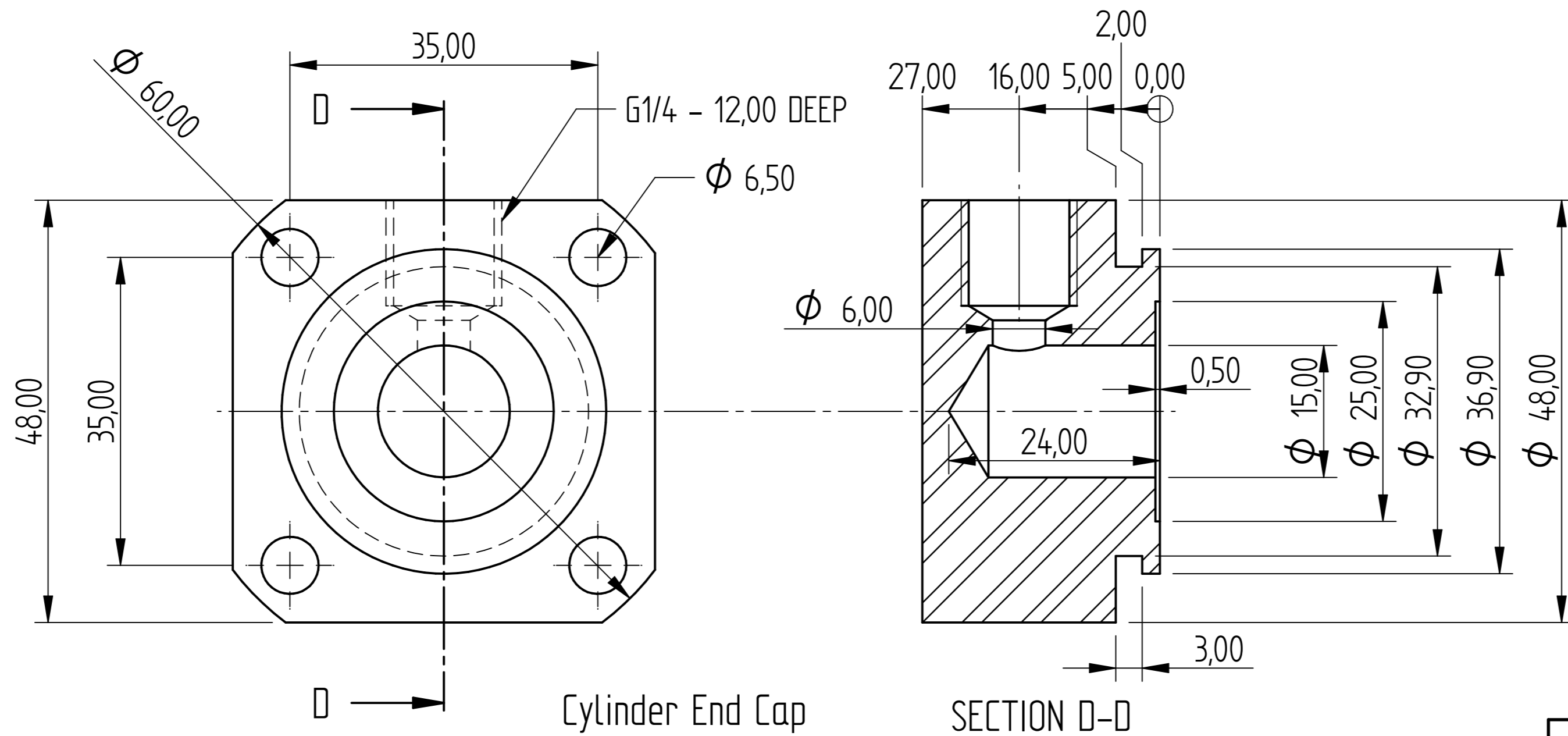
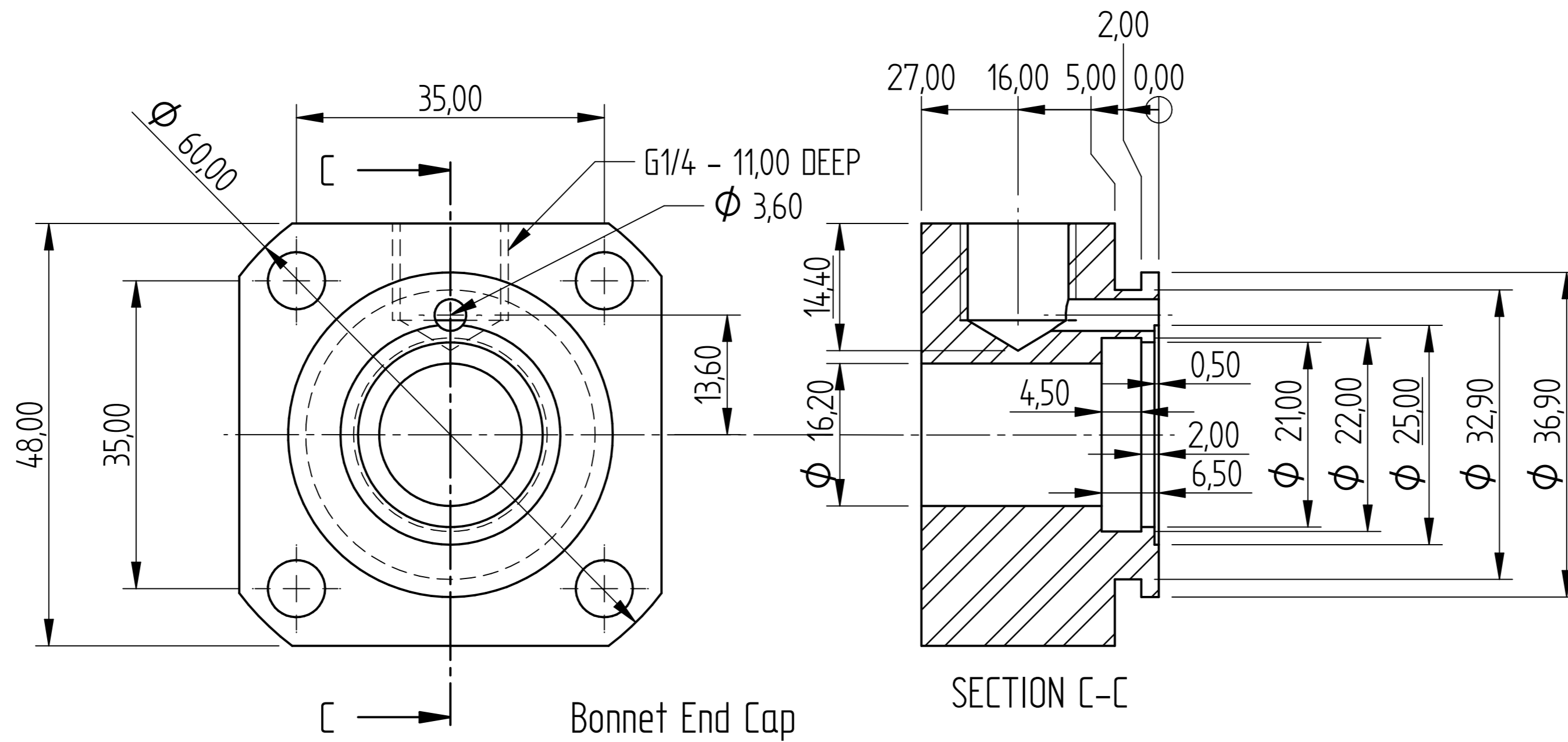
	NAME	DATE	AGRIGEL	
DRAWN	DG	10/31/17	TITLE	
APPROVED			Shut Off Family Mould	
MATERIAL			SIZE	DWG NO
TREATMENT			A4	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			FILE NAME: Shut Off Family Mould.dft	REV
1 st ANGLE 2 PL ±0.02 3 PL ±0.005			SCALE:	WEIGHT:
				SHEET 11 OF 20

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



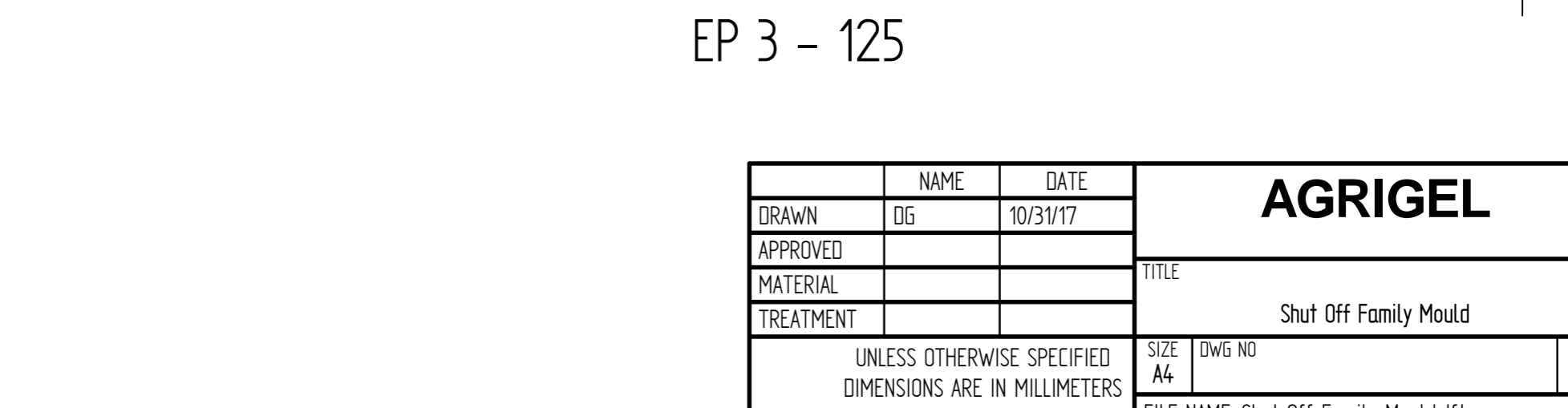
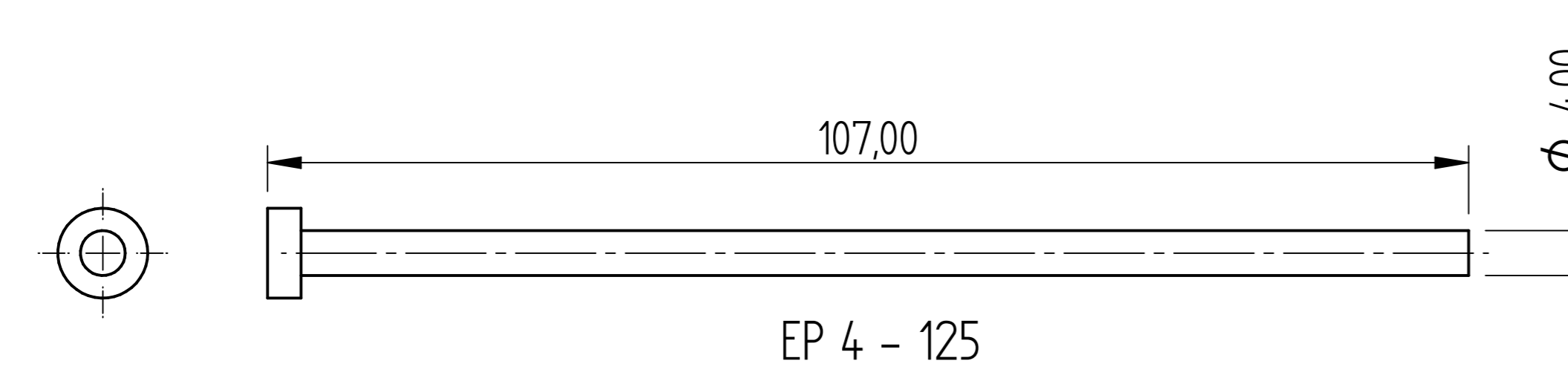
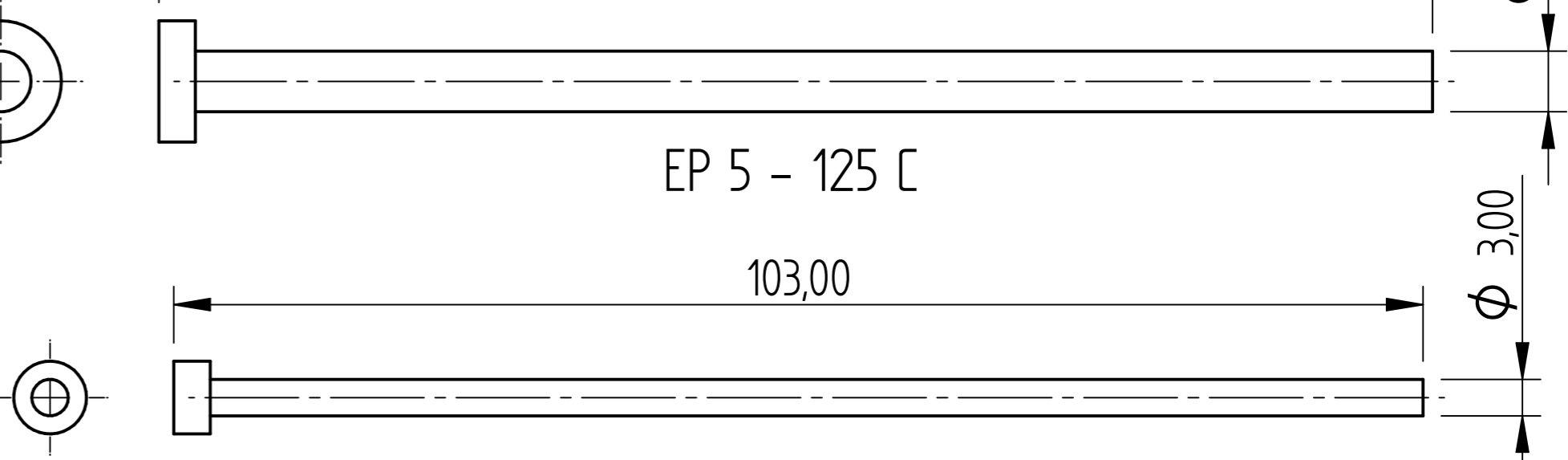
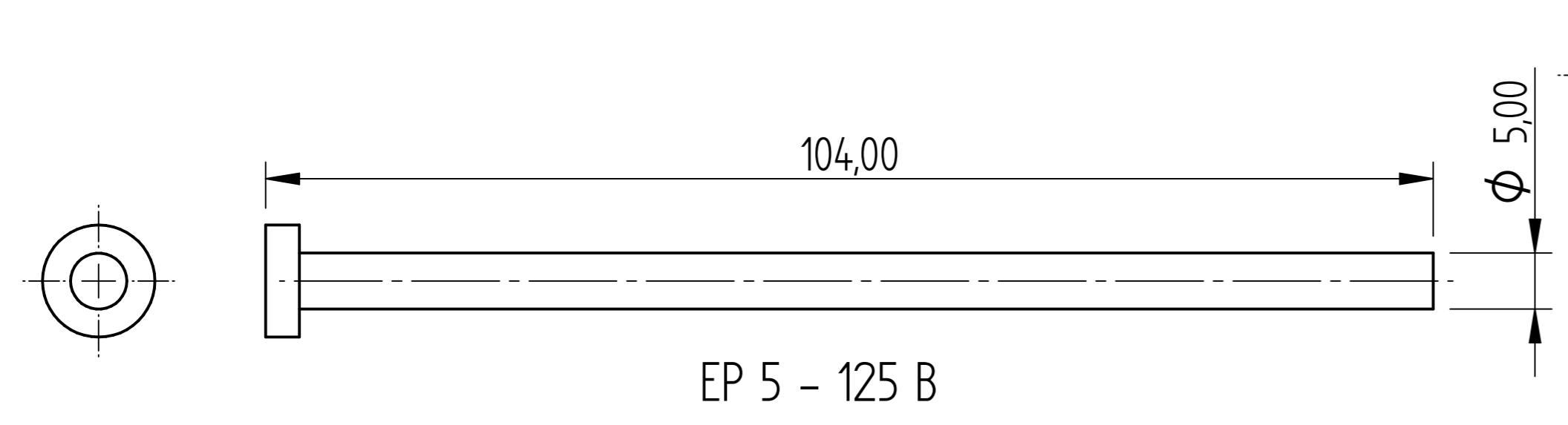
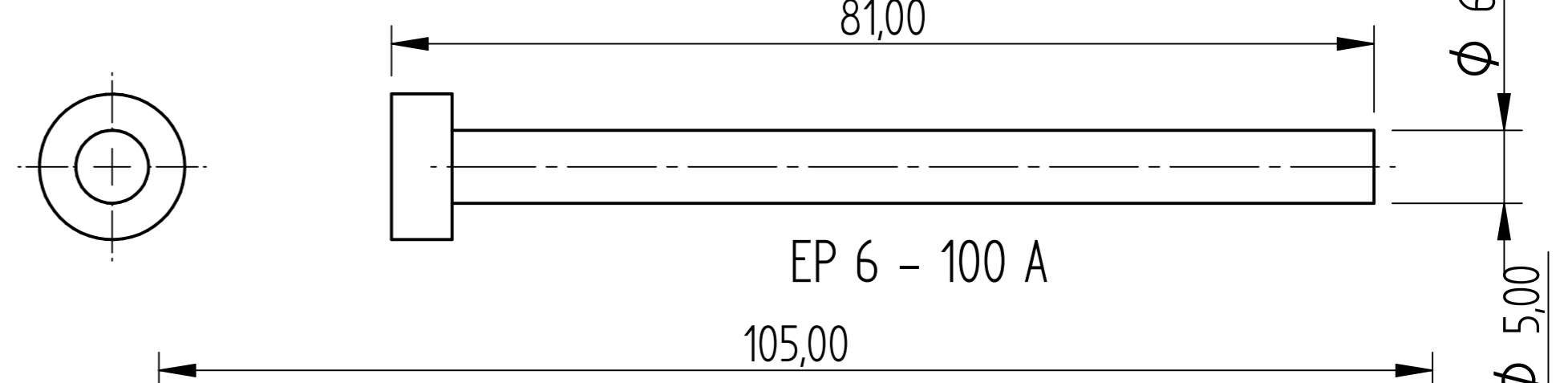
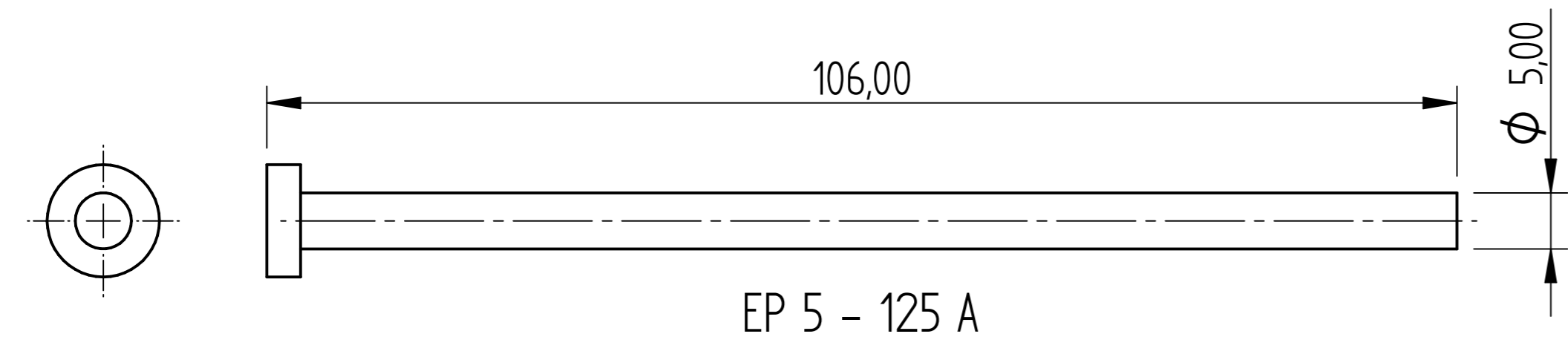
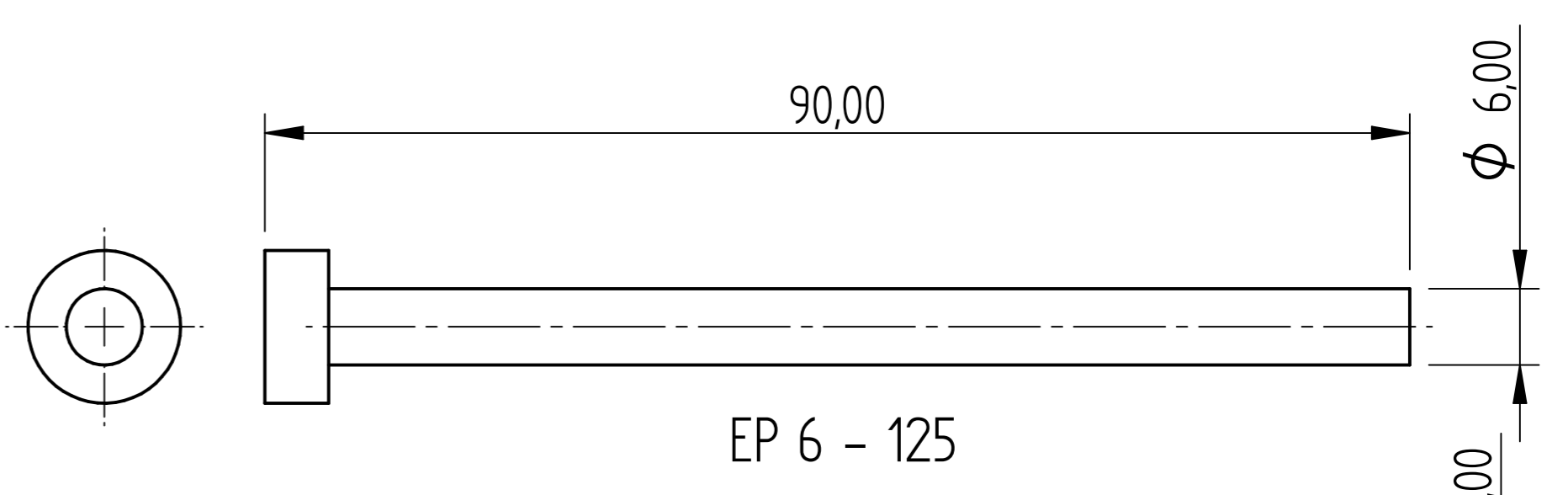
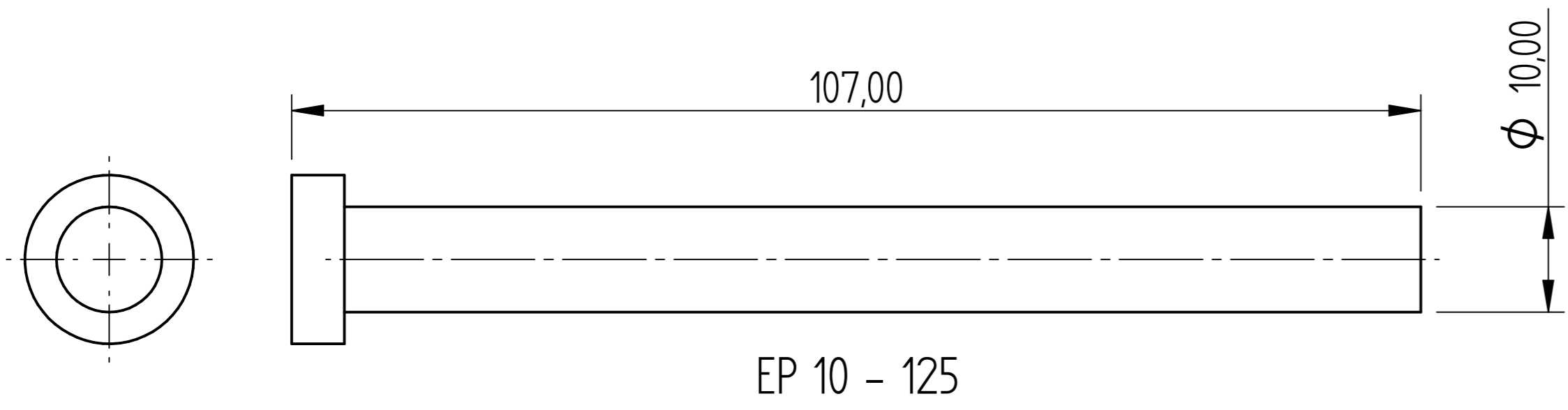
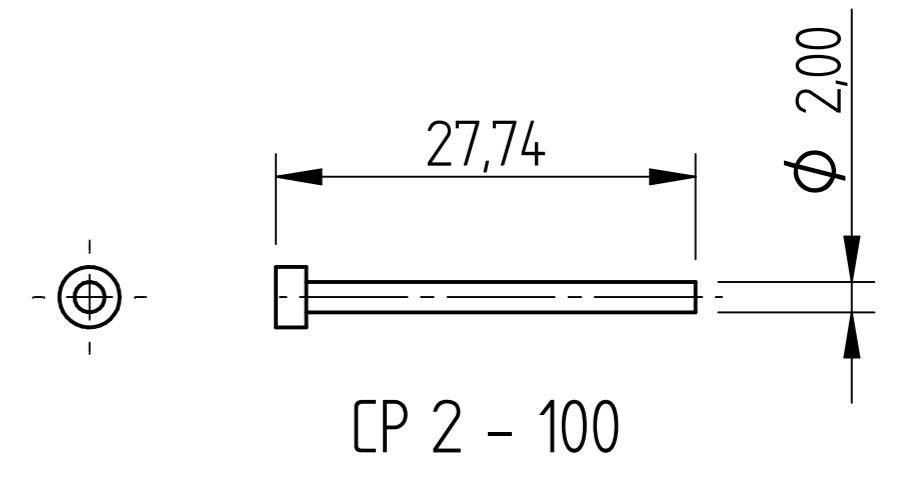
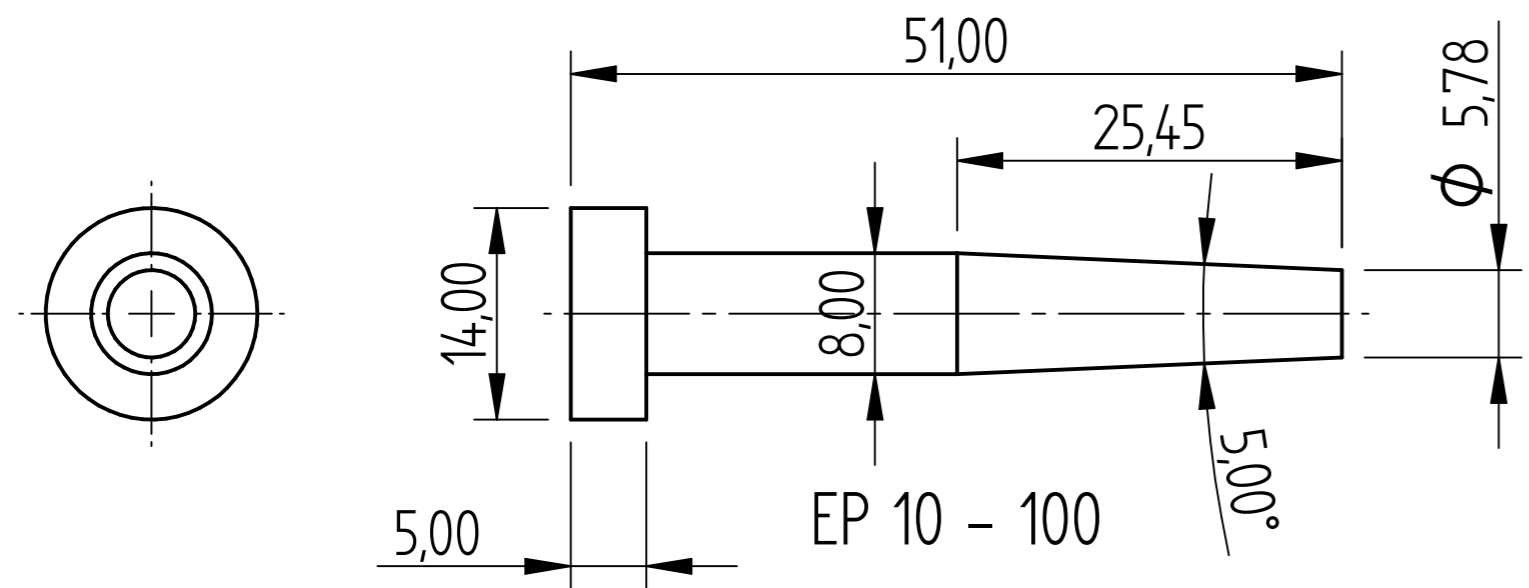
	NAME	DATE	AGRIGEL	
DRAWN	DG	10/31/17		
APPROVED			TITLE	
MATERIAL			Shut Off Family Mould	
TREATMENT			SIZE	DWG NO
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			A4	
1 st ANGLE			FILE NAME: Shut Off Family Mould.dft	REV
2 PL ±0.02 3 PL ±0.005			SCALE:	WEIGHT:
			SHEET 12 OF 20	

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



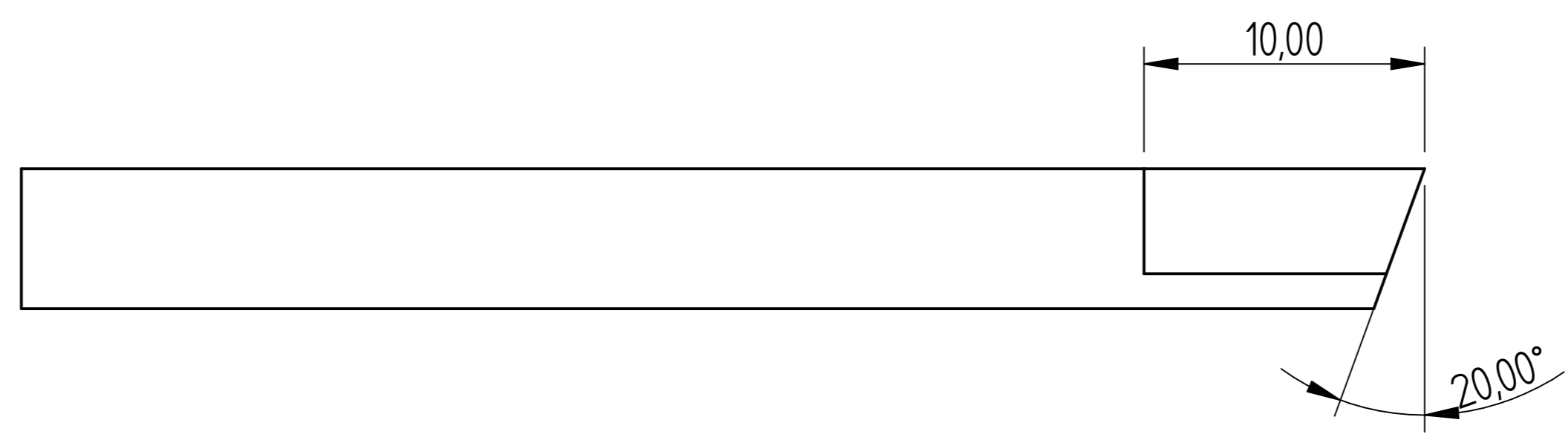
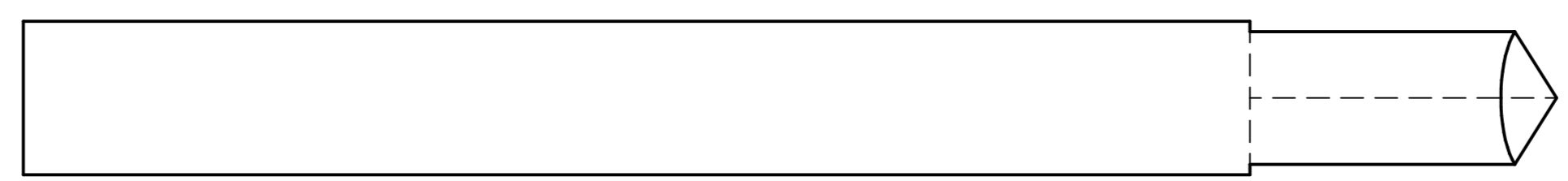
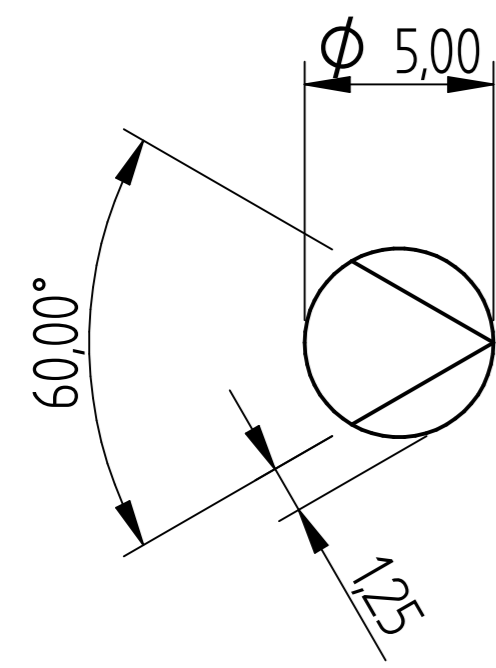
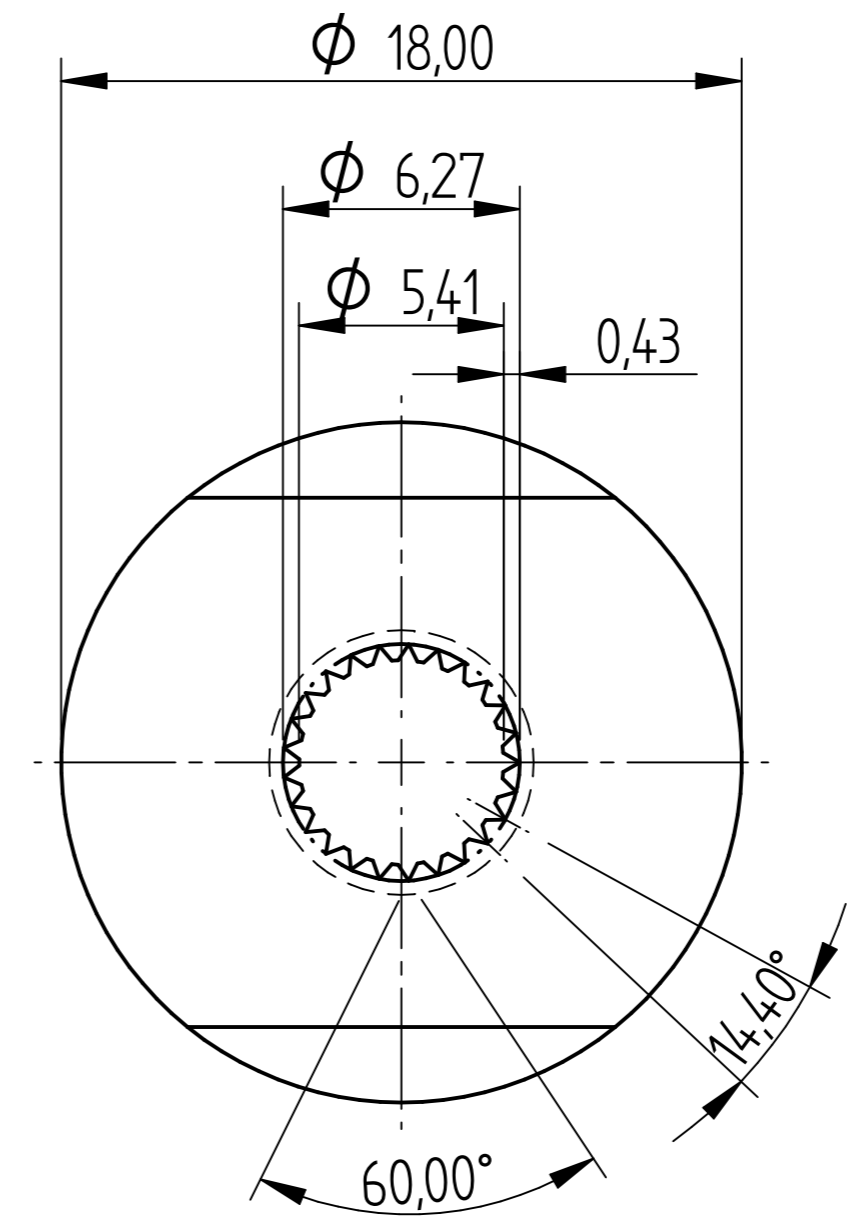
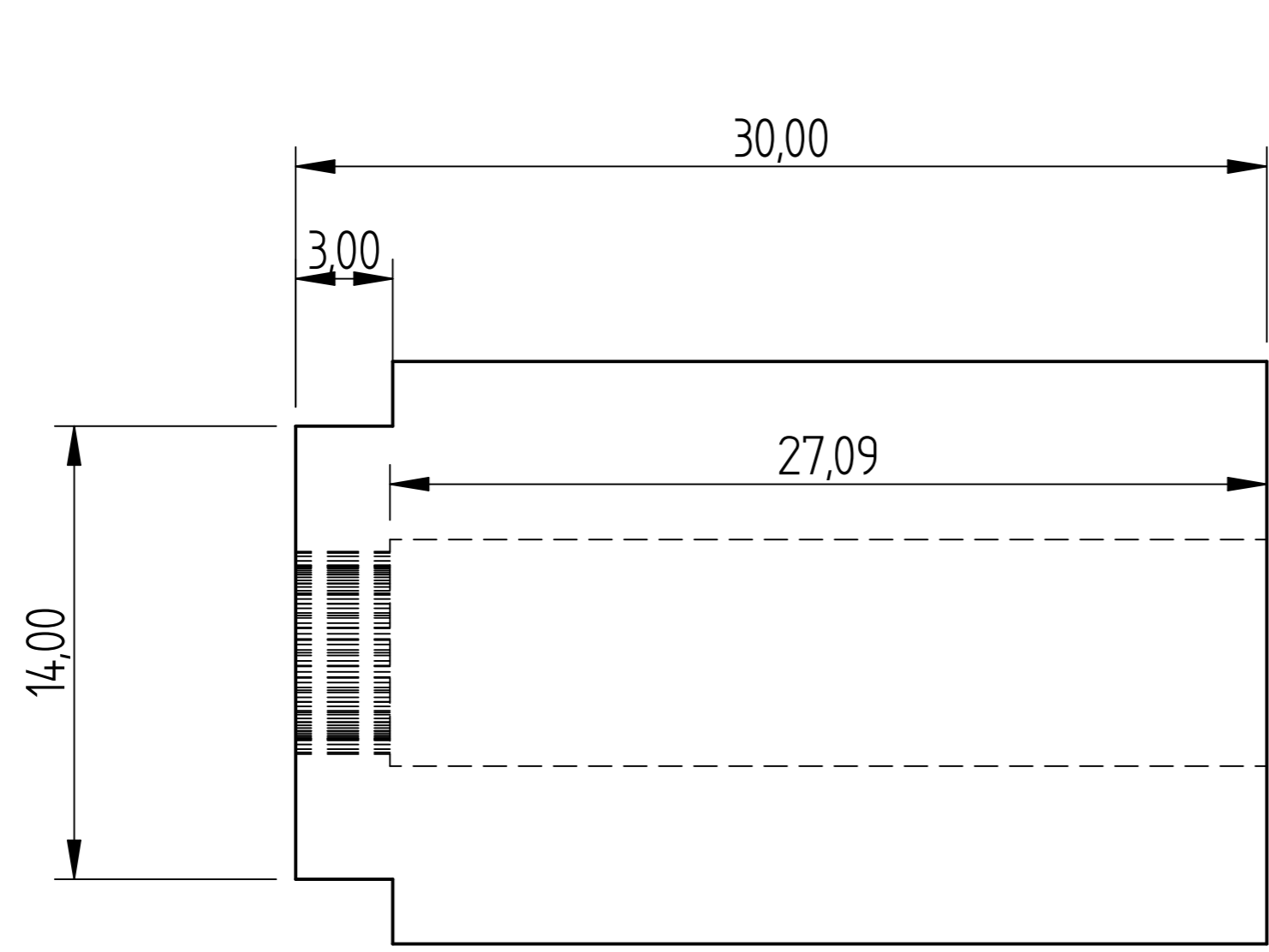
DRAWN	OG	10/31/17	AGRIGEL		
APPROVED					
MATERIAL					
TREATMENT					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			SIZE A4	DWG NO	REV
1st ANGLE ANGLES ±0.1°			FILE NAME: Shut Off Family Mould.dft		
2 PL ±0.02 3 PL ±0.005			SCALE:	WEIGHT:	SHEET 13 OF 20

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



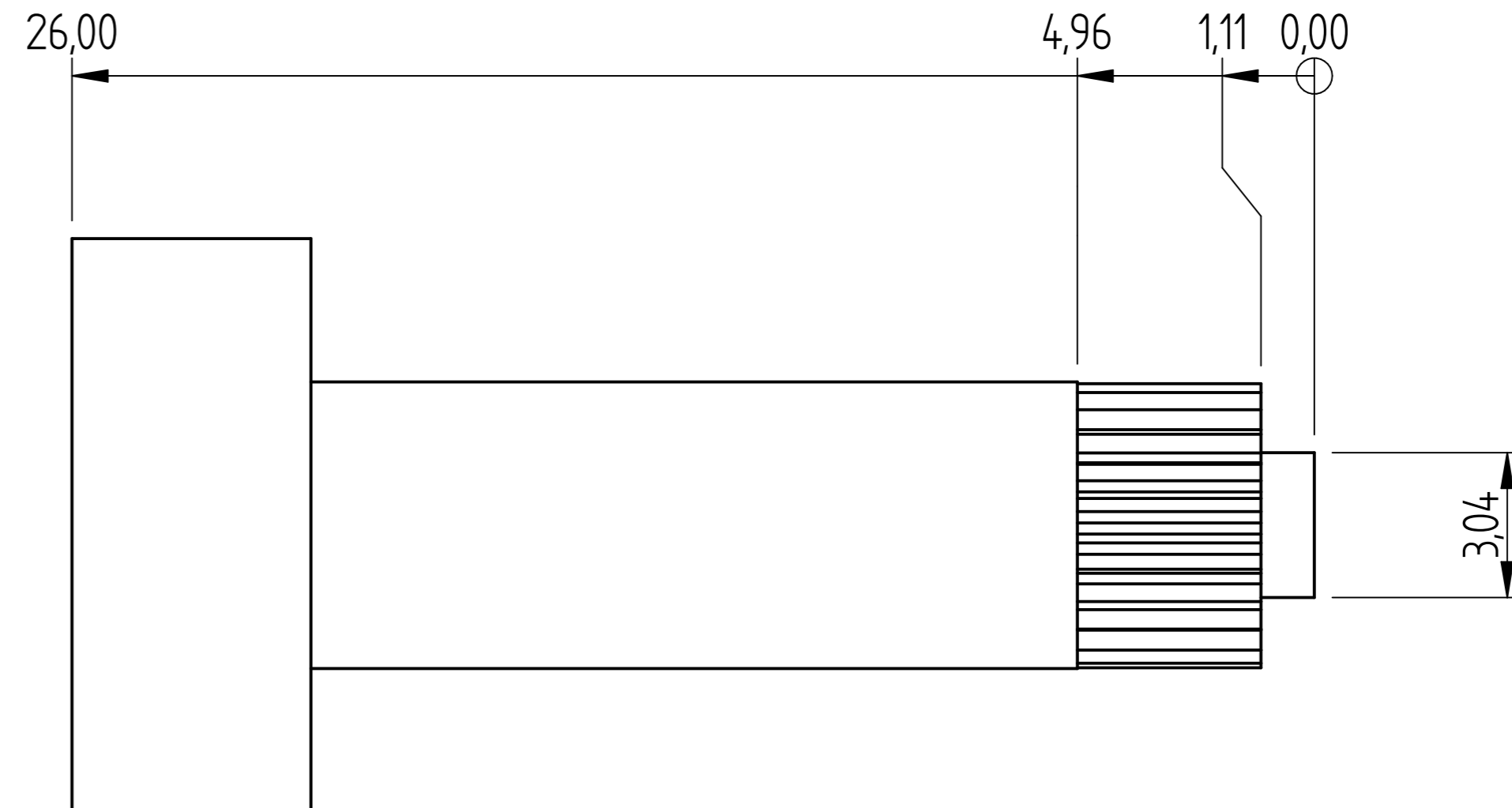
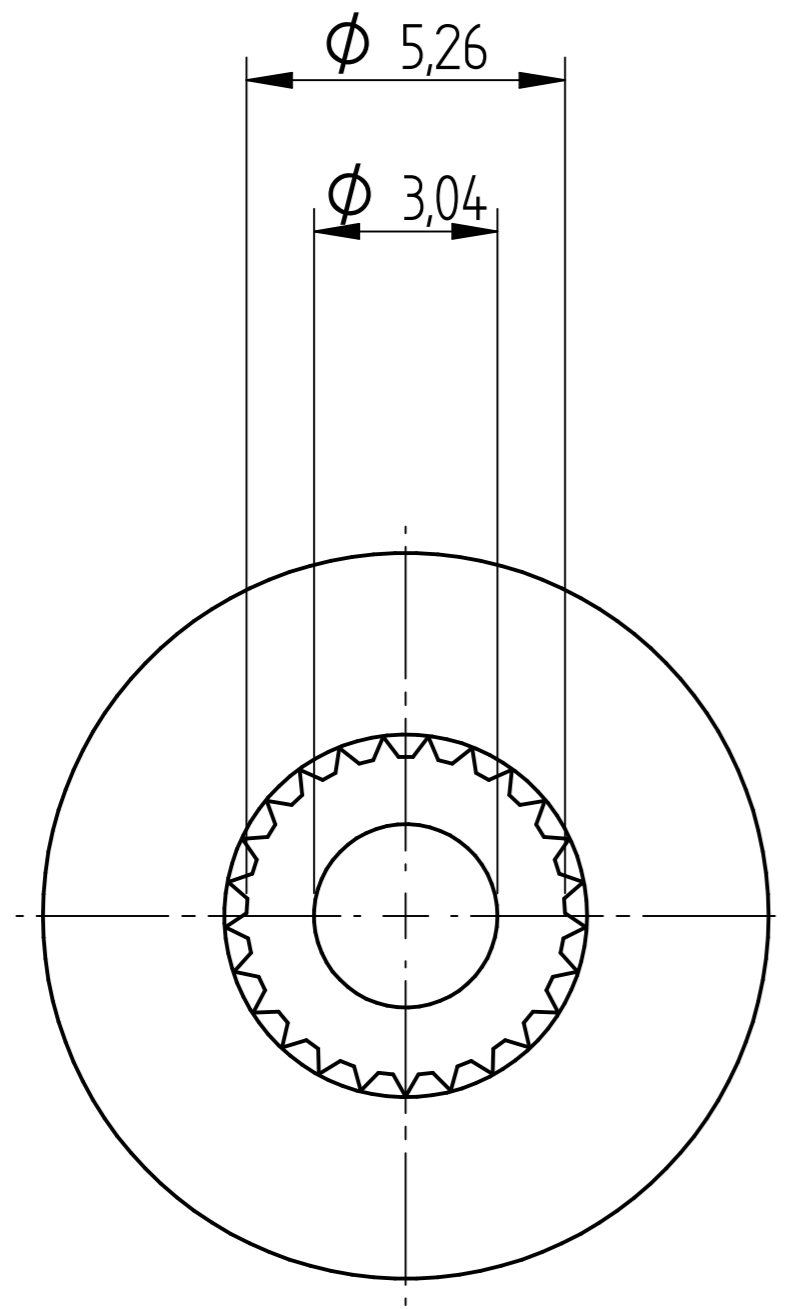
DRAWN	NAME	DATE	AGRIGEL	
APPROVED	DG	10/31/17		
MATERIAL				
TREATMENT				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			SIZE	DWG NO
1 st ANGLE			A4	
ANGLES ±0.1°			FILE NAME: Shut Off Family Mould.dft	
2 PL ±0.02 3 PL ±0.005			SCALE:	WEIGHT:
			SHEET 14 OF 20	

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



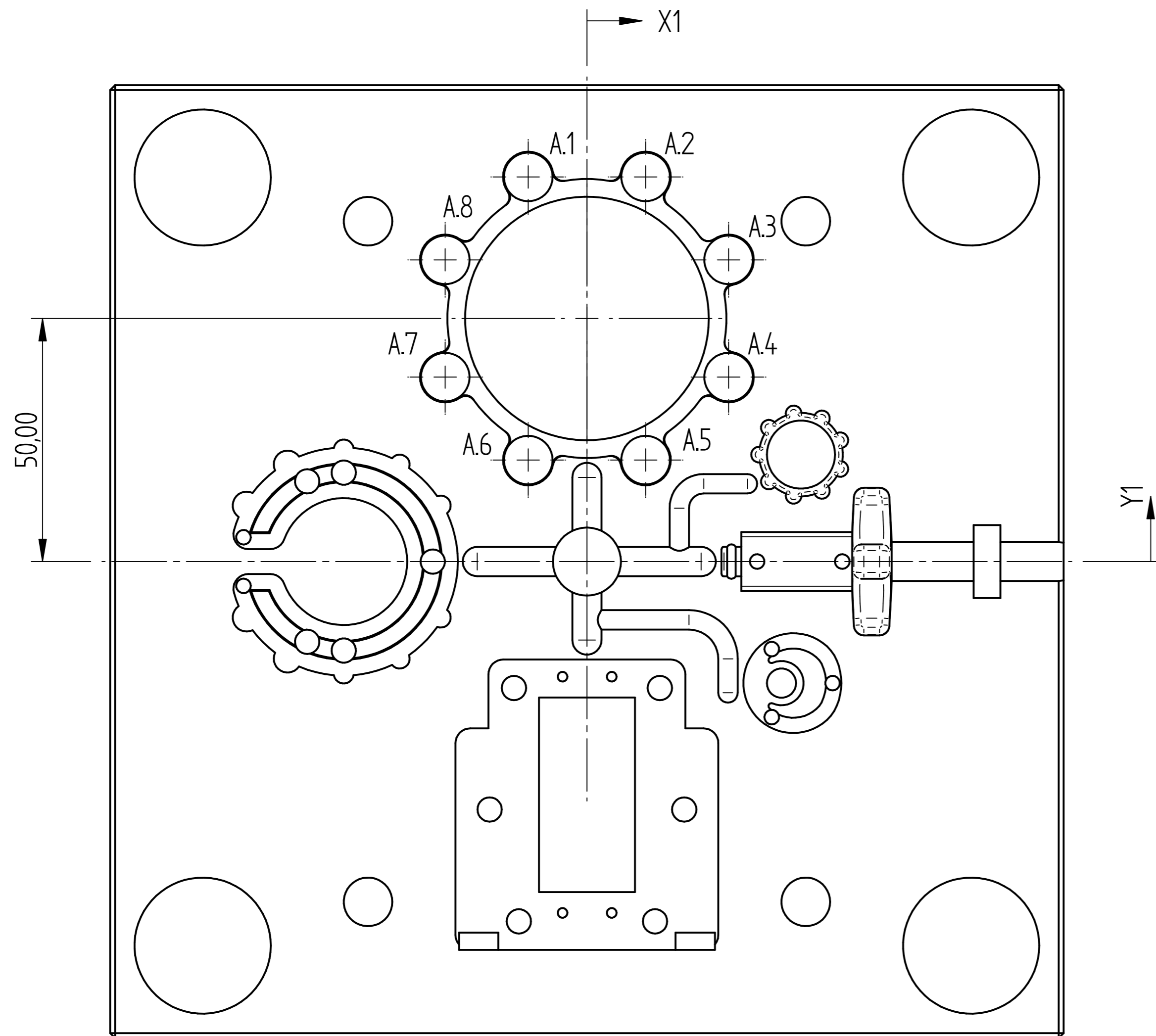
DRAWN	NAME	DATE	AGRIGEL	
APPROVED	DG	10/31/17		
MATERIAL			TITLE	
TREATMENT			Shut Off Family Mould	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			SIZE A4	DWG NO
1 st ANGLE 2 PL ±0.02 3 PL ±0.005			FILE NAME: Shut Off Family Mould.dft	
			SCALE:	WEIGHT:
			SHEET 15 OF 20	

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



	NAME	DATE	AGRIGEL	
DRAWN	DG	10/31/17		
APPROVED				
MATERIAL				
TREATMENT			TITLE	
			Shut Off Family Mould	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			SIZE A4	DWG NO
1 st ANGLE 2 PL ±0.02 3 PL ±0.005			FILE NAME: Shut Off Family Mould.dft	REV
			SCALE:	WEIGHT:
			SHEET 16 OF 20	

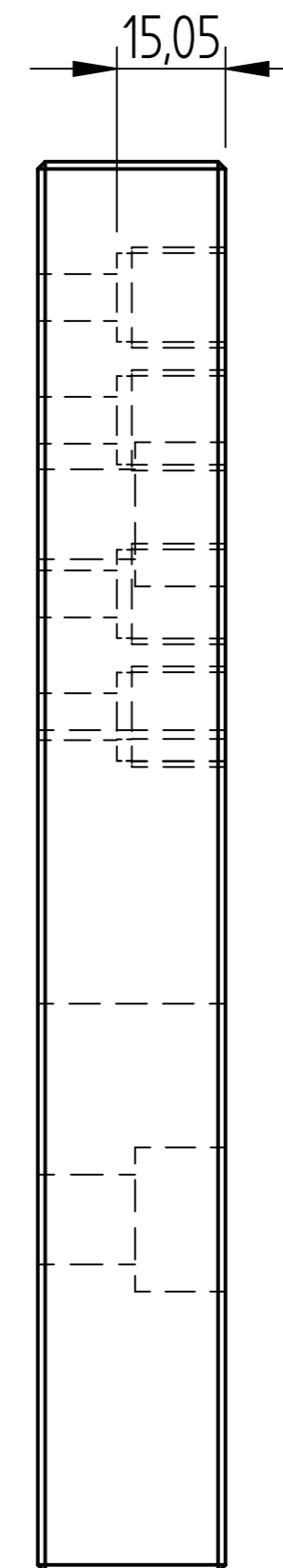
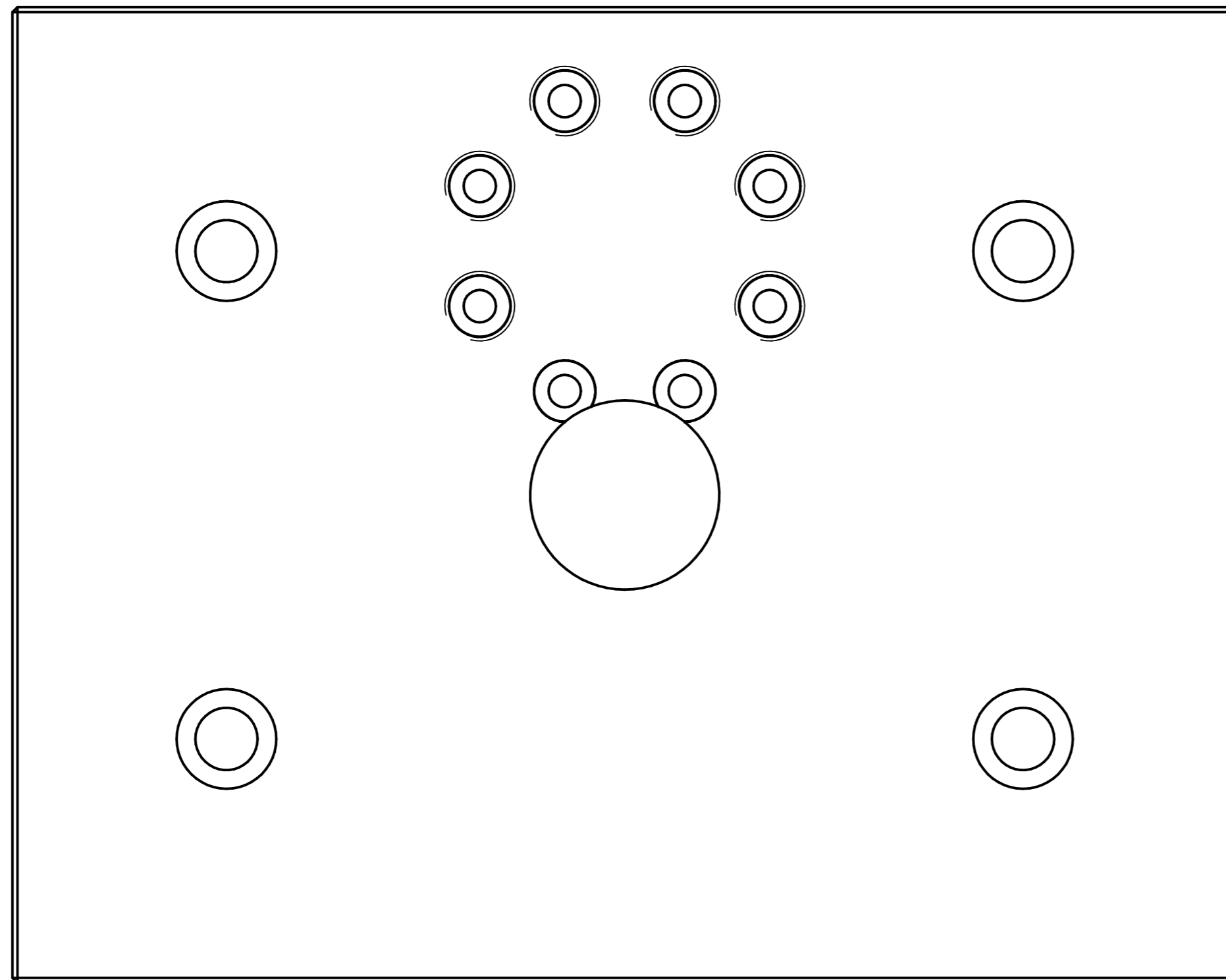
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



Hole Table			
Hole	X	Y	Size
A.1	-12,06	79,12	φ 10,00
A.2	12,06	79,12	φ 10,00
A.3	29,12	62,06	φ 10,00
A.4	29,12	37,94	φ 10,00
A.5	12,06	20,88	φ 10,00
A.6	-12,06	20,88	φ 10,00
A.7	-29,12	37,94	φ 10,00
A.8	-29,12	62,06	φ 10,00

	NAME	DATE	AGRIGEL	
DRAWN	DG	10/31/17		
APPROVED				
MATERIAL				
TREATMENT			TITLE	
			Shut Off Family Mould	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			SIZE A4	DWG NO
1 st ANGLE ANGLES ±0.1°			FILE NAME: Shut Off Family Mould.dft	
2 PL ±0.02 3 PL ±0.005			SCALE:	WEIGHT:
			SHEET 17 OF 20	

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



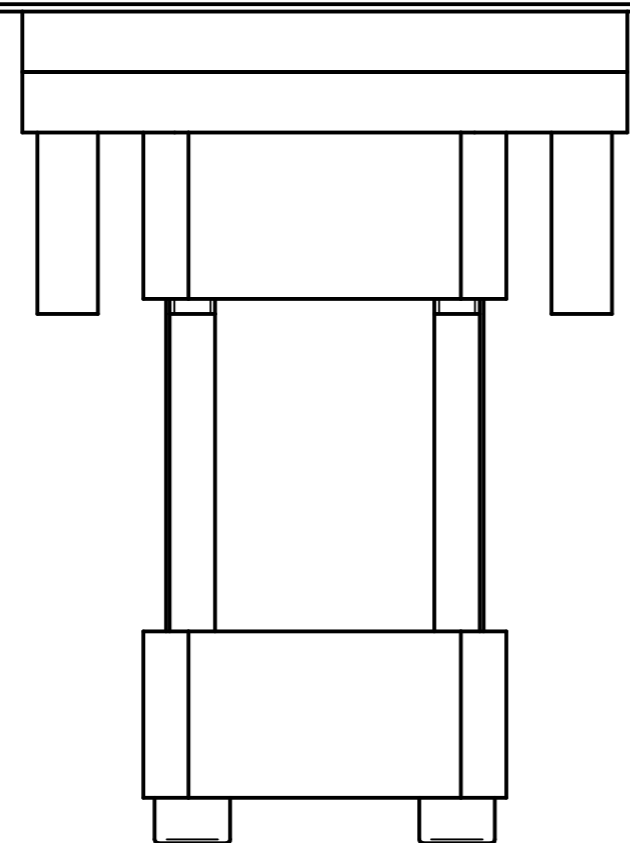
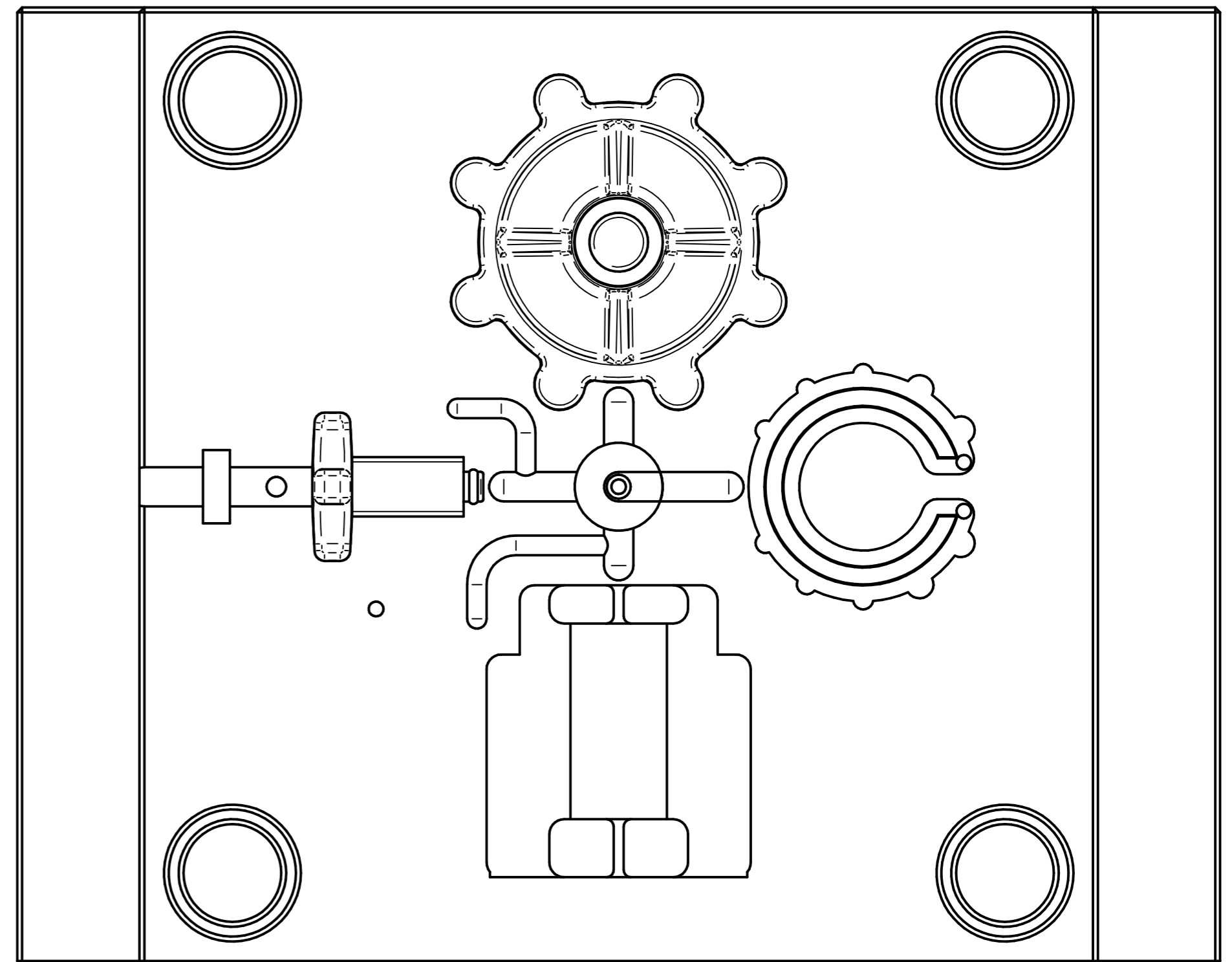
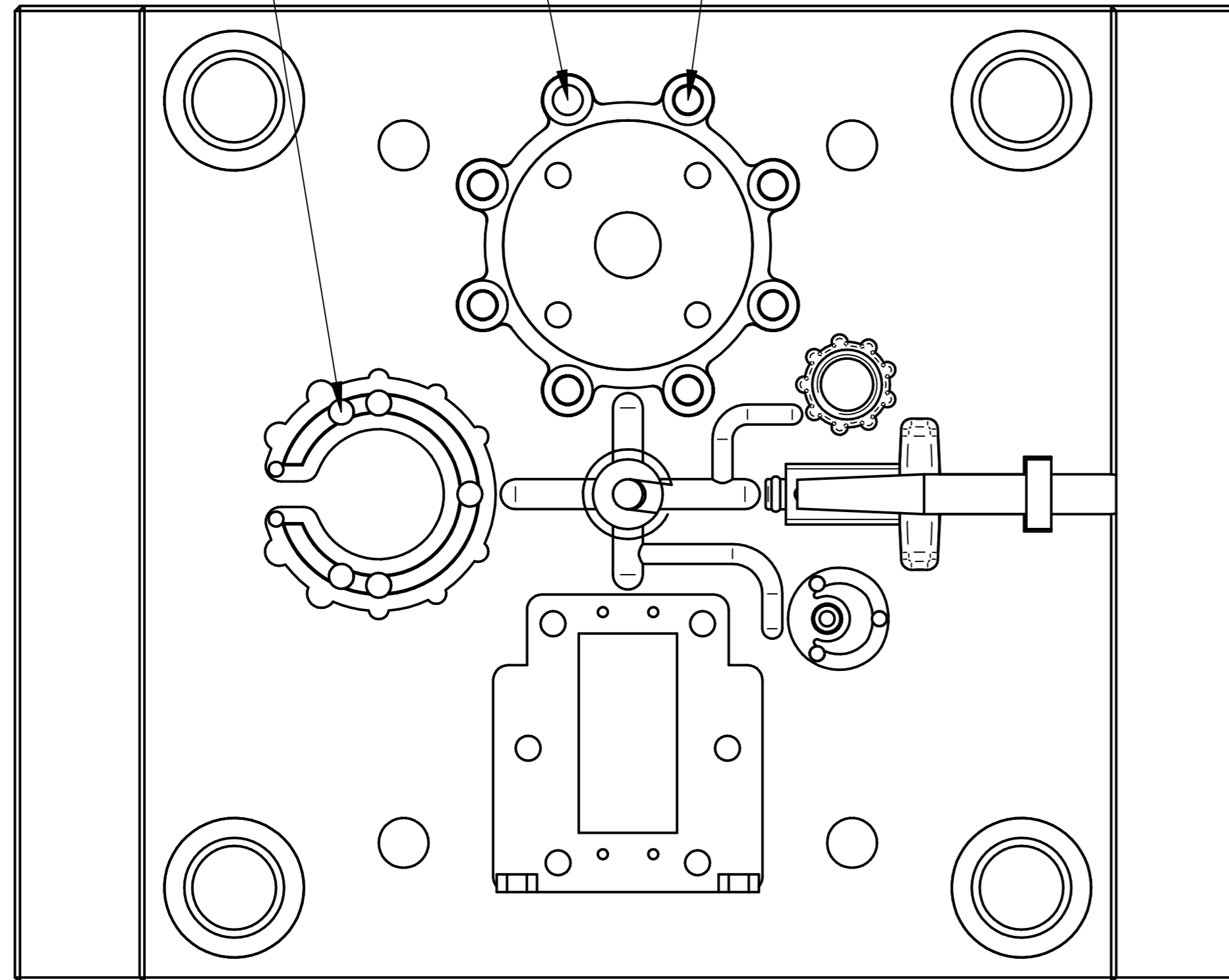
	NAME	DATE	AGRIGEL	
DRAWN	DG	10/31/17		
APPROVED				
MATERIAL				
TREATMENT			TITLE Shut Off Family Mould	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			SIZE A4	DWG NO
1 st ANGLE ANGLES ±0.1°			FILE NAME: Shut Off Family Mould.dft	
2 PL ±0.02 3 PL ±0.005			SCALE:	WEIGHT:
			SHEET 18 OF 20	

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED

Ejector Pin
EP 5 - 125 B 2 of

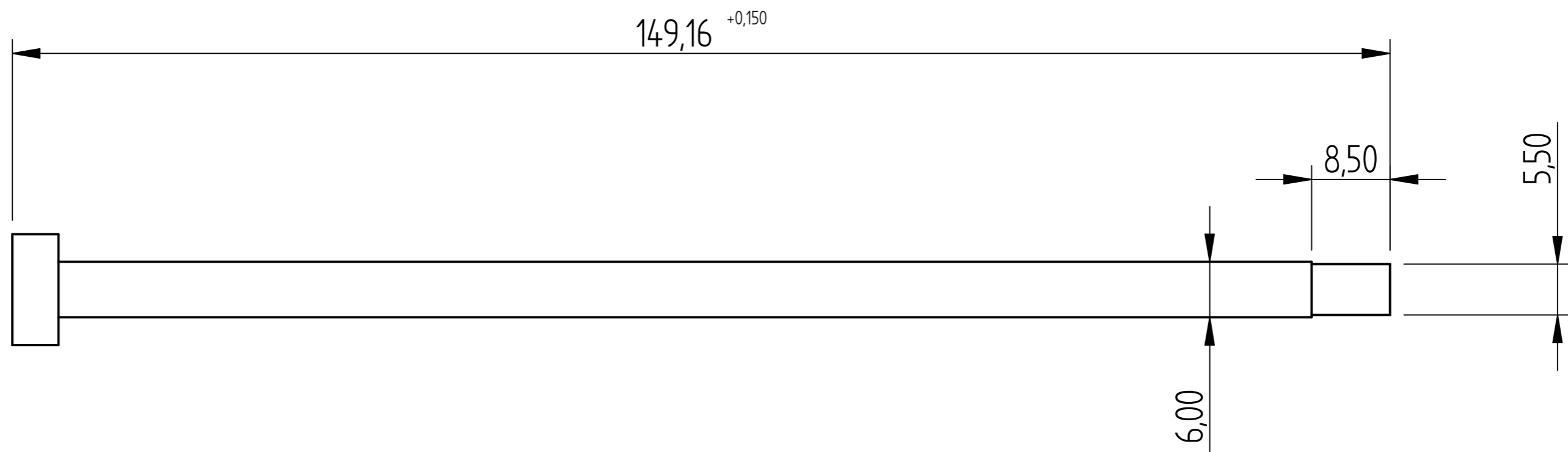
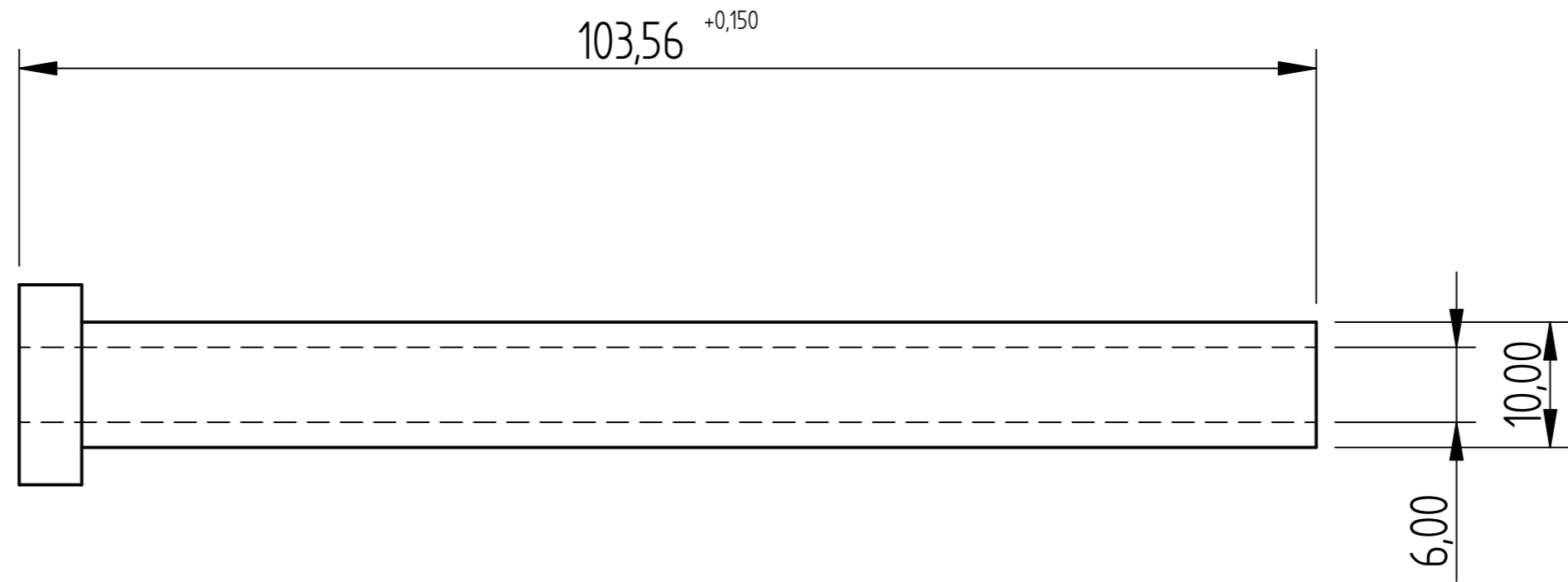
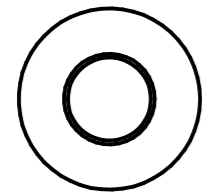
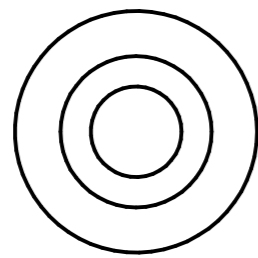
Sleeve Ejector Pin
SEP 10x6 - 125 8 of

Core Pin
CP 6 - 160 8 of



DRAWN	NAME	DATE	AGRIGEL	
APPROVED	DG	10/31/17		
MATERIAL				
TREATMENT				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			SIZE A4	DWG NO
1 st ANGLE 2 PL ±0.02 3 PL ±0.005			FILE NAME: Shut Off Family Mould.dft	REV
			SCALE:	WEIGHT:
			SHEET 19 OF 20	

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



	NAME	DATE	AGRIGEL	
DRAWN	DG	10/31/17		
APPROVED				
MATERIAL				
TREATMENT			TITLE	
			Shut Off Family Mould	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS			SIZE A4	DWG NO
1 st ANGLE				
			FILE NAME: Shut Off Family Mould.dft	REV
2 PL ±0.02 3 PL ±0.005			SCALE:	WEIGHT:
				SHEET 20 OF 20